

CALENDAR YEAR 1970

FORTY-EIGHTH ANNUAL REPORT

of the

**MARYLAND BUREAU OF MINES**



TO

**HON. MARVIN MANDEL**  
Governor of Maryland

DEPARTMENT OF NATURAL RESOURCES  
J. MILLARD TAWES, *The Secretary*  
JAMES B. COULTER, *Deputy Secretary*

MARYLAND GEOLOGICAL SURVEY  
KENNETH N. WEAVER, *Director*

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. MARVIN MANDEL,  
*Governor of Maryland*

SIR:

I have the honor to submit herewith the forty-eighth Annual Report of the Maryland Bureau of Mines for the period of January 1, 1970, to December 31, 1970, in compliance with the Maryland Mining Law.

Very respectfully,

HARRY B. BUCKLEY, *Director*

# REPORT OF THE MARYLAND BUREAU OF MINES

1970

To His Excellency

HON. MARVIN MANDEL,  
*Governor of Maryland*

SIR:

The report herewith submitted is for the calendar year 1970 and is the Twenty-Third Annual Report upon conditions of the Coal mines within the State.

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

## COAL PRODUCTION

Strip Mine .....	1,111,369.83	76%
Deep Mine .....	236,986.19	16%
Auger Mine .....	118,646.75	8%
Total .....	<u>1,467,002.77</u>	

## COAL PRODUCTION

*Allegany County:* During the calendar year 1970 the Allegany County mines employed 38 laborers and 105 surface employees, making a total of 143 men. The production of coal for 1970 was 424,971.08 net tons. This shows a production of 2,971.83 net tons per man employed during this period.

*Garrett County:* During the calendar year 1970 the Garrett County mines employed 91 laborers and 127 surface employees, making a total of 218 men. The production of coal for 1970 was 1,042,031.69 net tons. This shows a production of 4,779.96 net tons per man employed during this period.

## FIRE CLAY PRODUCTION

There was no clay production in Allegany or Garrett Counties during the calendar year 1970.

**MARYLAND COMMISSION ON MINING LAWS**

Donald E. Moran, Chairman ..... Representing Coal Operators  
 Chelsie 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  
 James E. Droppleman ..... Kitzmiller  
 Chester L. Evans ..... Kitzmiller

(Retired: 1/31/70)

Thomas B. Powell ..... Frostburg

*Fuel Combustion Advisor*

Joseph W. Kyle ..... Barton

*Secretary III*

Mrs. Elizabeth Ann Gilmore ..... Cumberland

*Secretary I*

Mrs. Beverly Joan Moore ..... Barton

## STATISTICS OF COAL PRODUCTION, CALENDAR YEAR 1970—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. ....	Hoffa	Bakerstown	2	100	600	765.00						
Central Coal Co. ....	No. 5	Tyson	3	80	1,592	840.00						
Clites Coal Co. ....	Parker 22	Freepport	2	331	2,314	2,150.00						
Fazenbaker Coal Co. ....	No. 1	Pittsburg	1	14	112	89.00						
Fickes Coal Co. ....	Campbell	Bakerstown	6	194	5,712	4,266.00						
Michaels Coal Co. ....	No. 3	Waynesburg	2	58	696	166.00						
Tri-State Construction Co. . . .	Tri-State	Tyson	5	68	2,720	1,781.83						
W & W Coal Co. ....	No. 6	Bakerstown	16	255	32,770	43,975.00						
Wolford Coal Co. ....	Wolford	Tyson	1	20	160	200.00						
Beener Coal Co. ....	Beener & Symons	Franklin	7	310	12,688	29,754.00			24.7	20.9	22.0	
William Brashear . . . . .	Strip Auger	Franklin Franklin	11 3	114 27	4,561 321		9,998.79	1,132.00	2.4 0	7.2 0	0 0	
Buffalo Coal Co., Inc. ....	Strip 163 Auger 163	Pittsburg Tyson	6 2	239 79	1,008 1,346		31,260.00	2,270.75	19.3 0	11.3 0	0 0	
Ginniman Coal Co. ....	Bowser & Robertson Ginniman & Shaw	Franklin Pittsburg	2 4	36 143	563 2,871		491.00 12,343.71		0 5.7	0 0	0 0	
Homage Coal Co. ....	Strip 149	Pittsburg	2	10	80		113.00		0	2.9	0	
Liller, C. A. ....	Strip 130 Auger 102	Pittsburg Franklin	2 7	70 99	320 4,617		93.00	7,343.15	0 0	9.3 0	11.5 0	
Phoenix Big Vein Coal Co. . . .	Strip 15 Auger 15	Franklin Franklin	7 4	298 101	10,877 3,586		11,702.00	5,642.85	1.8 0	7.0 0	0 0	

Pine Mt. Coal Co. ....	Strip 69	Pittsburg	2	164	1,941	2,709.00	4.5	0	0
T. G. & C. Coal Co., Inc. ....	Strip 157	Tyson	14	242	22,416	61,369.00	12.2	14.6	0
Thrasher, J.R. C&S Co. ....	Strip 120 Strip 138	Pittsburg Pittsburg	2 2	192 68	1,798 597	10,696.00 3,685.00	3.9 5.0	0 0	0 0
Win-More M&C Co., Inc ...	Strip 124 Strip 165	Tyson Pittsburg	5 3	239 68	8,225 4,020	25,011.00 8,676.00	4.2 2.3	15.2 3.8	0 0
Winner Bros. Coal Co. ....	Strip 40 Strip 169	Tyson Redstone (Completed)	15	240	29,649	57,425.00 78,357.00	9.1 .3	18.0 .3	31.5 0
Wolf, Raymond A. Mining Co. ....	Strip 146 Auger 146 Auger 153	Pittsburg Bakerstown Franklin	1 1 3	50 120 10	1,600 4,884 4,887	2,582.00 2,995.00 156.00	1.7 2.7 0	2.5 3.7 3.2	1.5 0 0
TOTAL ALLEGANY COUNTY			143	4,039	169,531	59,235.33	99.8	119.9	66.5

# STATISTICS OF COAL PRODUCTION, CALENDAR YEAR 1970—Garrett County

Name of Operator	Name or Number of Mine	Coal Seam Worked	Employees	Days Worked	Man-Hour Exposure	TONNAGE			ACRES		
						Deep	Strip	Auger	Strip	Refilled	Planted
Buffalo Coal Co., Inc. ....	Gilbert #1 Wolf Den #2	Freeport Clarion	13	254	26,416	58,913.00					
			6	232	10,480	5,372.00					
Burrell Bros. Coal Corp. ....	Cal #1 Cal #2	Freeport Freeport	7	217	13,392	5,390.77					
			4	206	4,992	2,392.00					
Callis Coal Co. ....	No. 3	Freeport	1	29	178	41.00					
Cross Cut Coal Co. ....	No. 1	Freeport	4	187	2,256	2,771.00					
Dorsey Coal Co. ....	No. 1	Kittanning	2	77	1,578	398.00					
F & P Coal Co. ....	Mary Beth	Clarion	22	161	25,382	64,942.00					
Folly Run Coal Co. ....	No. 1	Bakerstown	2	68	707	822.00					
Kinsinger Coal Co. ....	Kinsinger	Bakerstown	1	39	290	58.00					
Nethken, W.R. & Co. Inc. ...	Richard #1	Bakerstown	6	51	2,142	4,862.00					
leased to G & S Coal Co. ...	Earl #1	Clarion	6	134	6,160	13,635.00					
R & R Coal Co. ....	No. 1	Freeport	1	43	406	150.00					
Ream, Harland G. ....	Ream Mine	Freeport	1	25	194	31.50					
Upperman Coal Co. ....	Lost Land Upperman #1 Upperman #2	Kittanning Kittanning Kittanning	2	199	3,830	4,374.00					
			6	248	10,974	10,942.00					
			2	14	224	230.00					
Willow Coal Corp. ....	No. 1	Freeport	2	59	954	519.00					
Wolf Run Coal Co. ....	Wolf Run #1	Clarion	3	174	2,692	1,907.09					
Bronneman Bros. Coal Co. ...	Strip 132	Bakerstown	12	49	784	226.00			3.1	0	0
Buffalo Coal Co., Inc. ....	Strip 161 Auger 161	Bakerstown Bakerstown	12	233	2,016	170,203.00			69.2	15.4	0
			7	91	5,245			6,541.00	0	0	0
The Chief Coal Co. ....	Strip 171	Pittsburg	2	52	444	2,554.00			1.4	0	0
D & K Coal Co. ....	Strip 105 Strip 88 (No Production 1970)	Kittanning Strip 88	4	107	6,692	15,700.00			3.0	8.7	61.2
Ebensburg Coal & Clay Co. ...	Strip 152	Bakerstown	1	35	230	556.00			1.8	0	0
Fetterolf, M.F. Coal Co. ...	Strip 151 (Completed)	Bakerstown	1	35	230	556.00			0	0	17.0
Ginniman Coal Co. ....	Strip 145	Tyson	4	279	6,622	19,775.25			4.6	10.8	0
Mineral Coal Co., Inc. of West Virginia. ....	Strip 64	Freeport	5	56	1,603	4,724.30			0	0	0

Moran Coal Co., Inc. ....	Strip 20	Franklin	10	156	9,072	89,517.00	54.3	46.0	0		
	Strip 20	Pittsburg	4	66	2,880	33,394.00					
	Strip 20	Bakerstown	10	150	13,500	79,172.00					
	Strip 20	Freeport	2	26	1,260	14,390.00					
Nethken, W.R. & Co., Inc. ...	Strip 137	Freeport	16	243	96,450	103,810.00	38.1	5.0	26.0		
leased to G&S Coal Co. ....	Auger 137	Freeport	6	139	8,340	19,625.00	0	0	0		
P & R Coal Co. ....	Strip 134	Kittanning	3	147	2,266	17,447.78	0	26.8	0		
Pulford, Frank .....	Strip 168	Pittsburg	8	106	5,738	16,912.00	8.0	0	0		
Rodamer, Clarence .....	Strip 164	Bakerstown	1	131	826	772.00	5.1	0	0		
Rostosky, Michael .....	Strip 159	(No Production 1970)					0	3.5	0		
	Strip 148	(Completed)					0	0	2.5		
Shafer, Russel .....	Strip 160	Kittanning	1	205	1,773	3,148.00	3.1	2.6	0		
	Strip 170	Kittanning	1	38	380	3,189.00	2.0	0	0		
Shallmar Coal Co., Inc. ...	Strip 140	Harlem	25	213	55,000	13,048.00	88.2	74.9	113.0		
	Strip 140	Freeport				49,242.00					
	Strip 140	Kittanning				103,064.00					
Upole, Harold .....	Strip 156	Freeport	1	88	764	8,047.00	2.00	0	0		
Upperman Coal Co. ....	Strip 167	Freeport	2	103	1,328	16,213.00	6.6	0.0	0		
TOTAL GARRETT COUNTY			218	5,130	276,460	177,750.36	765,104.33	99,177.00	290.5	193.7	234.7
TOTAL ALLEGANY COUNTY			143	4,039	169,531	59,235.83	346,265.50	19,469.75	99.5	119.9	66.5
TOTAL GARRETT COUNTY			218	5,130	276,460	177,750.36	765,104.33	99,177.00	290.5	193.7	234.7
TOTAL ALLEGANY & GARRETT COUNTIES			361	9,169	445,991	236,986.19	1,111,369.83	118,646.75	390.0	313.6	301.20

### STATISTICS OF COAL PRODUCTION, CALENDAR YEAR 1970—Allegany and Garrett Counties

#### MECHANIZATION — METHODS OF LOADING

Year	Mines	Mechanical Miners	Deep Mine Mechanical Miners		Deep Mine Hand Loading		Surface Mining Auger Mining		Surface Mining Strip Mining				
			Mines	Tons Produced	Mines	Tons Produced	Mines	Tons Produced	Mines	Tons Produced			
1970	3	3	66,066.83	2	3	113,920.00	23	24	56,999.36	9	118,646.75	37	1,111,369.83
1969	2	3	87,313.76	2	3	145,923.00	34	24	87,020.58	4	84,455.75	29	976,931.87
1968	2	3	95,132.35	2	3	160,061.00	36	30	101,817.17	3	75,388.00	29	968,246.71
1967	2	3	116,310.70	2	5	154,218.00	34	24	122,325.49	3	45,221.00	25	881,242.44



## SUMMARY OF PRODUCTION STATISTICS

1970

## COAL

	Allegheny County	Garrett County	Total Net Tons
Strip .....	346,265.50	765,104.33	1,111,369.83
Deep .....	59,235.83	177,750.36	236,986.19
Auger .....	19,469.75	99,177.00	118,646.75
<b>Total .....</b>	<b>424,971.08</b>	<b>1,042,031.69</b>	<b>1,467,002.77</b>

## EMPLOYEES

Deep .....	38	91	129
Surface .....	105	127	232
<b>Total .....</b>	<b>143</b>	<b>218</b>	<b>361</b>

**COMPARATIVE STATEMENT OF STATISTICS OF  
COAL PRODUCTION  
1969-1970**

**COAL**

**Allegheny County**

Year	Net Tons (Cwt)	Tons Shipped by Rail	Tons Shipped by Truck	Deep Mine Employees	Surface Employees	Total	Fatalities
1969 .....	305,606.88	19,273.95	286,332.93	51	79	130	0
1970 .....	<del>312,971.08</del> <b>424,971.08</b>	38,333.00	385,638.08	38	105	143	0

**Garrett County**

1969 .....	1,076,038.08	716,066.00	359,972.08	100	165	265	0
1970 .....	1,042,031.69	678,182.30	363,849.39	91	127	218	1

**Entire State**

1969 .....	1,381,644.96	735,339.95	646,305.01	151	244	395	0
1970 .....	1,467,002.77	1,716,515.30	749,487.47	129	232	361	1

**TOTAL COAL PRODUCTION**

1969 .....	1,381,644.96
1970 .....	1,467,002.77

**TONNAGE BY COAL SEAMS**

1970

**Allegheny County**

Tyson .....	148,897.58
Redstone .....	78,357.00
Pittsburg .....	72,246.71
Franklin .....	66,219.79
Bakerstown .....	56,934.00
Freeport .....	2,150.00
Waynesburg .....	166.00
<b>Total .....</b>	<b>424,971.08</b>

**Garrett County**

Freeport .....	314,527.57
Bakerstown .....	263,212.00
Kittanning .....	197,075.78
Franklin .....	89,517.00
Clarion .....	85,856.09
Pittsburg .....	52,860.00
Tyson .....	19,775.25
Harlem .....	19,208.00
<b>Total .....</b>	<b>1,042,031.69</b>

**TONNAGE BY BASIN**

1970

Georges Creek .....	854,875.33
Upper Potomac .....	563,172.86
Lower Youghiogheny .....	23,784.78
Castleman .....	19,866.00
Upper Youghiogheny .....	5,303.80
<b>Total .....</b>	<b>1,467,002.77</b>

## NAMES OF COAL SEAMS

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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)

## ANNUAL ACCIDENT REPORT

Name of Company	Name or No. of Mine	Non-Fatal Accidents	Working Days Lost	Fatal Accidents	Month Accident Occurred	Accident Rate	Mine Location of Injury
Buffalo Coal Co., Inc. ....	Deep Mine No. 1	1	95	0	May	37.86	The injured was working along the belt line in first left off the main belt line, near the flight conveyor, unloading supplies when a rock fell on his back, knocking the injured down, part of the rock hit his left foot breaking a bone adjacent to the little toe.
W. R. Nethken & Co., Inc., leased to G & S Coal Co., Inc. ....	Earl No. 1	1	13	0	May	324.68	The injured miner was on his knees shoveling coal onto a drag cable shuttle car when a piece of rock fell from the roof bruising right hip, lower back and ankle. A safety post had been removed to position the shuttle car, and had not been replaced.
W. R. Nethken & Co., Inc., leased to G & S Coal Co., Inc. ....	Earl No. 1	1	52	0	May	324.68	The injured was backing a drag-cable shuttle car from a kneeling position within the deck, his belt fastened battery lamp caught on a low cross bar rolling him back over the empty shuttle car bruising both hips and cracking two vertebrae in the lower back.
F & P Coal Co. ....	Mary Beth No. 2	1	46	0	September	89.40	The injured was operating a S & S rubber tired battery locomotive and towing a cutting machine fastened to the operator end of the locomotive, by a chain. The chain broke and struck the operator breaking his left arm.
Shallmar Coal Co., Inc. ....	Strip Mine No. 140	0	0	1	December	18.18	See Fatality Report

## FATALITIES

William I. Davy, an oiler employed by the Shallmar Coal Company, Inc. at their Shallmar Strip Mine, was fatally injured about 3:15 p.m., December 21, 1970, when he was crushed between the caterpillar treads and a fender of a Model D9G bulldozer. Davy, age 36, had 4 years experience as an oiler, all with this company. He is survived by one dependent child.

About 3:00 p.m., Davy, assisted by Herbert H. Harsh, bulldozer operator, was refueling the dozer, but there was insufficient fuel in the tank truck to completely fill the dozer tank. Davy told Harsh that he would obtain more fuel and return to complete filling the dozer tank; however, Harsh informed Davy that there was sufficient fuel in the dozer tank to complete the shift.

Upon completing the grading operation, Harsh parked the dozer about 3:15 p.m. with the front facing the pit area and the engine running. He got off the dozer, went to his truck, which was parked nearby, placed his flashlight and dinner bucket in the truck and returned to the dozer cab. Harsh waited until a pickup truck operated by Kurt Shaffer, superintendent, and a coal truck passed and then he engaged the dozer clutch and the machine started moving forward. While the dozer was moving, Harsh was looking downward to be sure that the blade was positioned properly. When the machine traveled about 8.5 feet, Harsh saw Davy's body pass over the front of the right caterpillar and fall to the ground. He immediately stopped the dozer and motioned to William Kessel who was operating a grader about 600 feet from the dozer. Kessel, unaware of the accident, continued approaching and, upon reaching the dozer, he saw Harsh holding Davy's head. Kessel immediately got off the grader and went to the scene of the accident to provide assistance. Harsh then went to notify the superintendent who was about  $\frac{1}{4}$  mile from the scene. Shaffer immediately went to the scene and upon arriving summoned a doctor and ambulance by a two-way radio. A quick examination of Davy indicated that there was no sign of life.

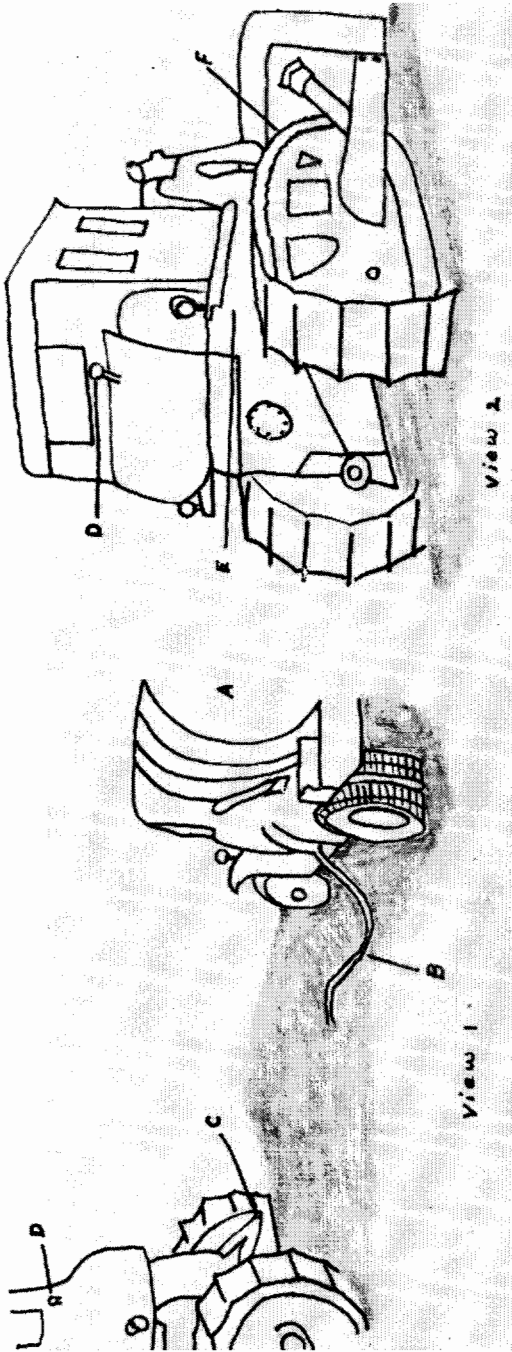
Davy was placed in an ambulance and taken to the Garrett County Memorial Hospital, Oakland, Maryland, where he was pronounced dead by a doctor. Death was attributed to a severed spinal cord and multiple fractures.

**RECOMMENDATIONS:** 1. Management should adopt and enforce rules and procedures that would provide protection for the workmen during refueling and servicing of equipment.

2. Mobile equipment should be provided with audible warning devices, and equipment operators should be certain by signal or other means, that all persons are clear before starting or moving equipment.

3. No persons should attempt to oil or service any equipment until the equipment has been properly parked and the engine stopped.

An investigation of the accident was conducted at the mine on December 21 and 22, 1970 by Chester L. Evans, Inspector in charge of the district, Harry B. Buckley, Director, and Inspectors Melvin K. DeShong and James E. Droppleman, all of the Maryland Bureau of Mines; along with Paul Componation and William Harsanyi of the United States Bureau of Mines.



(Not drawn to scale)

- A Fuel Truck
- B Fuel Hose
- C Ripper Hitch (No ripper attached)
- D Dozer Fuel Cap
- E Where Victim Entered
- F Position (head first) of Victim when dozer operator saw him.

1 View of fuel truck and back of dozer after accident. Dozer tracks, in mud, indicated dozer was 4' from fuel truck when moved forward.

2 View of dozer showing where victim's body was crushed between the tread and the overhanging frame; and, as it tipped over the end, the dozer operator first saw the victim. Vertical clearance between "cat tread" and overhanging frame was 11" with 3" cleats extending upward, thereby reducing the clearance to 8".



## COMPARATIVE ACCIDENT REPORT

Year	Man-Hours Exposure	Tons Produced	Fatalities	Lost Time Accidents	Frequency	Fatalities Per Million Man Hours	Fatalities Per Million Short Tons	Non Fatal Per Million Man Hours	Non Fatal Per Million Short Tons	Tons Per Fatality	Tons Per Non Fatal Injuries
1970	445,991	1,467,002.77	1	4	11.21	2.24	.67	8.97	2.72	1,467,002.77	366,750.69
1969	372,282	1,381,644.96	0	4	10.74	0	0	10.74	2.9	1,381,644.96	345,411.24
1968	400,128	1,394,265.23	0	5	12.50	0	0	12.50	3.5	1,394,265.23	278,853.04
1967	603,467	1,319,317.63	1	6	11.50	1.65	.76	9.94	3.8	1,319,317.63	222,328.05
1966	N.A.	1,210,052.00	0	6	N.A.	N.A.	0	N.A.	4.9		101,675.33
1965	N.A.	1,195,787.15	0	18	N.A.	N.A.	0	N.A.	15.5		66,432.61
1964	N.A.	1,143,255.11	1	15	N.A.	N.A.	.875	N.A.	13.1	1,143,255.11	76,217.00
1963	N.A.	1,124,746.01	0	29	N.A.	N.A.	0	N.A.	16.6		38,784.34
1962	N.A.	832,866.05	1	37	N.A.	N.A.	1.8	N.A.	44.4	832,866.05	22,509.89
1961	N.A.	718,039.09	1	29	N.A.	N.A.	1.3	N.A.	40.3	718,039.09	24,759.56
1960	N.A.	759,086.03	3	28	N.A.	N.A.	3.9	N.A.	36.8	759,086.03	27,110.21
1959	N.A.	839,664.09	1	39	N.A.	N.A.	1.1	N.A.	46.4	839,664.09	21,529.84

## **SAFETY ORDERS**

During the calendar year 1970, two (2) Safety Orders were issued by the District Mine Inspectors of the Bureau of Mines.

These Safety Orders are listed as follows:

Melvin K. DeShong, District Mine Inspector, District No. 2.

July 22—

Numerous violations of the Mining Laws. The Safety Order was complied with.

October 30—

Melvin K. DeShong, District Mine Inspector, District No. 2. Numerous violations of the Mining Laws. The Safety Order was complied with.

## **PROSECUTIONS**

Warrants were obtained charging illegal use of Fuse and caps within a mine against the operator and the employee.

At the trial held January 17, 1970 they both pleaded guilty and were "placed under probation without a verdict provided they obey the mining laws in the future".

Another warrant was obtained with the same charges against an operator.

At the trial held March 10, 1970 the operator pleaded guilty and was fined \$50.00 and cost of \$10.00, suspended provided he obey the mine laws.

## **KITZMILLER MINE RESCUE TEAM**

The Kitzmiller Mine Rescue Team is still active. Mr. Chester L. Evans and Mr. James E. Droppleman, District Mine Inspectors supervised the practice sessions.

The members of the team during 1970 were: Claude D. Boyce, James C. Brady, Harold E. Hawk, Forrest William Ferry, Conrad L. James, Daniel James, Leroy Collen Steward, Forrest D. Harvey and James Darrell Boyce. 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.

## STATE MINE EXAMINING BOARD

The forty-ninth examination for mine foreman was conducted on August 26, 1970 at the office of the Maryland Bureau of Mines in Westernport. No candidates took the examination for Mine Foreman.

## MARYLAND COMMISSION ON MINING LAWS

The Maryland Commission on Mining Laws met concerning Mining Laws in February and July, 1970.

## STRIP MINING

Certain Sections of the Strip Mining Laws of the State of Maryland repealed and re-enacted, with amendments, by the General Assembly and signed by Governor Mandel and effective July 1, 1969 were in part:

The Land Reclamation Advisory Committee was changed to the Land Reclamation Committee to be composed of nine members as follows: The Director of the Maryland Geological Survey, who shall act as Chairman; the Chairman of the Soil Conservation District Supervisors of Allegany County, and the Chairman of the Soil Conservation District Supervisors of Garrett County or their designated representatives; two members representing the Mining Industry, appointed by the Governor with the advice and consent of the Senate for three (3) year terms. The Director or his representative of the following State agencies; the Department of Game and Inland Fish, the Department of Forests and Parks, the Department of Water Resources and the Bureau of Mines.

It is the duty of the Land Reclamation Committee to study, recommend and approve all procedures for reclamation, conservation and revegetation of areas affected by open-pit mining within the State of Maryland. Such measures shall include, but not be restricted to, backfilling and grading, the restoration of plant cover, the prevention of erosion, the prevention of the creation of acid water, and any other actions which will be conducive to conservation and best utilization of the natural resources of Maryland. It shall be the duty of the Committee to review all mining and reclamation plans, progress reports and final reports. The Committee shall also set the amount of all revegetation bonds. The Committee may inspect or have inspected any open pit mining operation at any time in order to determine land reclamation, conservation and revegetation conditions. It is the duty of the Committee to establish plans and methods of procedure as well as practical guidelines for the prompt and adequate reclamation, conservation and revegetation of all land disturbed by open-pit mining of bituminous coal within the State of Maryland. These

plans, methods of procedure, and practical guidelines shall be submitted to the proper regulatory agency. Finally, the Committee is directed to review the strip mining laws of the State of Maryland to ensure compliance with the spirit of this Act.

The law, effective on the above date, also requires a detailed Mining and Reclamation Plan showing the Manner, Time and Distance for backfilling, drainage, planting and general reclamation of the affected area.

In addition, the Revegetation Bond was separated from the Backfilling Bond and can vary from a minimum of \$50.00 to \$125.00 per acre as the Land Reclamation Committee determines.

A public hearing was held on March 4, 1970 in the Conference room, City Building, Westernport, Maryland, on proposed Rules & Regulations.

Rules & Regulations supplementing the Maryland Strip Mine and Auger Mining Laws were repealed and new Rules & Regulations, to be known as Regulation No. 1, were approved as to form and legal sufficiency by Richard C. Rice, Special Assistant Attorney General, adopted and became effective June 24, 1970. Copies are available to those interested.

On April 22, 1970, Dr. Weaver, Chairman of the Land Reclamation Committee, appointed a "Site Evaluation Committee" composed of six members of the Land Reclamation Committee: Bureau of Mines, Mining Industry, Soil Conservation, Department of Water Resources, Department of Forests and Parks, and Department of Game and Inland Fish; to go on site and evaluate permit and amended permit applications and report back to the Land Reclamation Committee. This Committee is most effective in working with the operators to carry out the laws as intended.

Another effective procedure adopted by the Committee during the latter part of 1970, is an open-acre limit, regardless of permit acres, set on each permit depending on type and amount of equipment, the size of the company, their past performance and their ability to control their operation. This open-acre limit forces the operator to backfill as he goes along; whereas, in the past, he opened the whole area and then backfilled.

The Land Reclamation Committee held eleven (11) meetings from January 1, 1970 through December 31, 1970, on Permit and Amended Permit Applications—processing 15 new permits of which nine (9) were issued, 33 Amended Permits and 30 Annual Progress Reports. One Application was refused due to the possibility of a slide endangering dwellings below the area.

The acting members of the Committee are:

Chairman: Dr. Kenneth N. Weaver, Director  
Maryland Geological Survey

Maryland Bureau of Mines: Harry B. Buckley, Director

Mining Industry: Robert Harvey and Carmen DelSignore

Soil Conservation: John Reckner and William Nace

Department of Natural Resources:

Paul McKee or Michael Rodevick,  
George Gilmore or Fred Bagley,  
and William Harman

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 | 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. 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	Winner Bros. Coal Co., Inc.
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	Mineral Coal Co., Inc. of West Virginia
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	Win-More Mining & Construction Co., 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 & Stripping 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.— G & S Coal 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 Coal Co.
Permit No. 146	Raymond A. Wolf Mining Co.
Permit No. 147	Menallen Coke Co.*
Permit No. 148	Russell Shafer*
Permit No. 149	Homage Coal Co. (Emmett Dupstadt)
Permit No. 150	Twin States Coal Co.**
Permit No. 151	M. F. Fetterolf Coal Co., Inc.*
Permit No. 152	Ebensburg Coal and Clay Co.
Permit No. 153	Raymond A. Wolf Mining Co.
Permit No. 154	Michael Rostosky



Permit No. 155	Ginniman & Ware Coal Company*
Permit No. 156	Harold H. Upole Coal Company
Permit No. 157	T. G. & C. Coal Company, Inc.
Permit No. 158	Clarence Rodamer Coal Company
Permit No. 159	Michael Rostosky Coal Company
Permit No. 160	Russell Shafer Coal Company
Permit No. 161	Buffalo Coal Company, Inc.
Permit No. 162	J. R. Thrasher Contracting & Stripping Co.
Permit No. 163	Buffalo Coal Company, Inc.
Permit No. 164	Clarence Rodamer Coal Company
Permit No. 165	Win-More Mining & Construction Co., Inc.
Permit No. 166	Ginniman Coal Company
Permit No. 167	Upperman Coal Company
Permit No. 168	Frank Pulford
Permit No. 169	Winner Bros. Coal Company, Inc.
Permit No. 170	Russel Shafer
Permit No. 171	The Chief Coal Company
Permit No. 172	Mary Ruth Corp.
Permit No. 173	Grafton Coal Company

\* Denotes Operation Completed.

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

Strip Mining Licenses Issued from January 1, thru December 31, 1970 .....	5
Strip Mining Permits Issued from January 1, thru December 31, 1970 .....	9
Auger Mining Permits Issued from January 1, thru December 31, 1970 .....	0
(Augering is being done in conjunction with Permit Nos. 15, 20, 137 and 140)	
Strip Mining Permits Backfilled and not Planted in 1970 ....	1
Strip Mining Permits Completed in 1970 .....	3
Strip Mining Forfeitures in 1970 .....	1

Acres Backfilled during 1970 .....	313.6
Acres Planted during 1970 .....	301.2
Acres Planted on Completed Strip Operations not listed in this Report .....	81.8
Total Acres Planted during 1970 .....	383.0
Total Acres Stripped during 1970 .....	390.0

## PHYSICAL AND MECHANICAL CHARACTERISTICS OF MINES

Name of Coal Company	Name of Mine	Location of Mine	Coal Bed	Thickness	Auger		Type of Haulage
					Strip Drift	Slope Shaft	
					Kind of Loading at Face		
Bakerstown Coal Co. ....	No. 4 Mine	On Moore's Run near Barton	Bakerstown	30"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
Central Coal Co. ....	No. 5 Mine	Ocean	Tyson	34"	Drift	Hand Loaded	Belt, Chain
Clites Coal Co. ....	Parker No. 2	Barrelsville	Freeport	33"	Drift	Hand Loaded	Kope, Animal-track
Fazenbaker Coal Co. ....	No. 1 Mine	Lonaconing	Pittsburg	12'	Drift	Hand Loaded	Animal, Track
Fickes Coal Co. ....	No. 1 Mine	Barton	Bakerstown	30"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
Michaels Coal Co. ....	No. 1 Mine	Koontz Run, Lonaconing	Waynesburg	46"	Drift	Hand Loaded	Animal, Track
Moffet Coal Co. ....	No. 1 Mine	Koontz Run, Lonaconing	Waynesburg	54"	Drift	Hand Loaded	Animal, Track
Piney Mt. Coal Co. ....	No. 2 Mine	Koontz Run, Lonaconing	Waynesburg	54"	Drift	Hand Loaded	Animal, Track
Tri-State Const. Co., The .....	Tri-State Mine	Shaft	Tyson	35"	Drift	Mechanical Miner	Conveyor-Chain, Belt
W & W Coal Co. ....	No. 6 A	Moore's Run, Barton	Bakerstown	30"	Drift Shaft	Mechanical Loading Machine	Kersey Tractor
Wolford Coal Co. ....	Wolford Mine	Woodland	Tyson	33"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
Brennenman Coal Co. ....	Bietzel	Pleasant Valley	Freeport	38"	Drift	Hand Loaded	Rope Hoist & Track
Buffalo Coal Co., Inc. ....	No. 1 Mine	Kempton	Freeport	48"	Slope	Mechanical Miner	Belts & Chain Conveyors
Buffalo Coal Co., Inc. ....	No. 2 Mine	Shallmar	Clarion	40"	Drift	Hand Loaded	Conveyors
Burrell Bros. Coal Co. ....	Cal. No. 1 Mine	Kitzmilller	Freeport	35"	Drift	Hand Loaded	Animal & Battery Motor Track

Burrell Bros. Coal Co. ....	Cal. No. 2 Mine	Kitzmiller	Freeport	35"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
Callis Coal Co. ....	No. 3 Mine	Bethlehem	Freeport	30"	Drift	Hand Loaded	Rope Hoist to Tipple
Cross Cut Coal Co. ....	No. 1 Mine	Mt. Zion, Cross Cut Rd.	Freeport	37"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
Dorsey Coal Co. ....		Underwood Rd. Crelin	Kittanning	48"	Slope	Hand Loaded	Cars & Track & Rope Hoist to Tipple
F & P Coal Co. ....	No. 1 Mine Mary Beth No. 2	Vindex	Clarion	44"	Drift	Mechanical Loading Machine	Shuttle Cars & Belts
Folly Run Coal Co. ....	No. 1 Mine	Walnut Bottom	Bakerstown	30"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
Garrett Coal Corp. ....	Richard No. 1	Chestnut Grove Rd.	Bakerstown	30"	Drift	Hand Loaded	Drag-Cable Shuttle Cars
Kinsinger Coal Co. ....	Kinsinger	Jennings	Bakerstown	30"	Drift	Hand Loaded	Animal, Track
Nethken, W. R. & Co., Inc. ....	Earl No. 1 Mine	Vindex	Clarion	45"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
R & R Coal Co. ....	No. 1 Mine	Swallow Falls	Freeport	48"	Drift	Hand Loaded	Animal, Track
Ream, Harland Coal Co. ....	Ream Mine	Swallow Falls	Freeport	45"	Drift	Hand Loaded	Rope Hoist & Track, Tipple
Upperman Coal Co. ....	No. 1 Mine	Bethlehem	Kittanning	48"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
Willow Coal Co. ....	No. 1 Mine	Kitzmiller	Freeport	35"	Drift	Hand Loaded	Drag-Cable Shuttle Buggy
Beener Coal Co. ....	Simons & Beener	Barton	Pittsburg Franklin	30"	Strip	Power Shovel	Truck
Beener Coal Co. ....	Barnes Tract	Midlothian	Pittsburg Redstone Tyson	82"			
Wm. Brashear Coal Co. ....	Brashear Farm Tract	Stoney Run end of Hampshire Hill	Franklin	32"	Strip	Power Shovel	Truck
Buffalo Coal Co., Inc. ....	Strip-Auger	Lonaconing	Tyson	30"	Strip Auger	Power Shovel	Truck
					Strip Auger	Power Shovel	Railroad

## 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
Homage Coal Co. ....	George's Creek Tract	Lonaconing	Pittsburg	12'	Strip	Power Shovel	Truck
Liller, C. A. Coal Co. ....	Sheraton No. 3	Barton	Pittsburg	9'	Strip	Power Shovel	Truck, Railroad
Phoenix Big Vein Coal Co. ....	Potomac Tract	Barton	Franklin	28"	Strip	Power Shovel	Truck, Railroad
Phoenix Big Vein Coal Co. ....	No. 1 Auger	Barton			Auger	Power Shovel	Truck, Railroad
Pine Mt. Coal Co. ....	George's Creek Tract	Gilmore	Pittsburg	10'	Strip	Power Shovel	Truck
T. G. & C. Coal Co., Inc. ....	Strip	Carlos	Tyson	36"	Strip	Power Shovel	Truck
Thrasher, J. R. C & S Co. ....	Thrasher	Midland	Pittsburg	73"	Strip	Power Shovel	Truck
Thrasher, J. R. C & S Co. ....	Strip	Moscow	Bakerstown	30"	Strip	Power Shovel	Truck
Thrasher, J. R. C & S Co. ....	S. Shumrock	Jackson St., Lonaconing	Pittsburg	10'	Strip	Power Shovel	Truck
Wolfe, Raymond A. Mining Co.	Campbell Tract	Franklin	Pittsburg	10'	Strip	Power Shovel	Truck
Wolfe, Raymond A. Mining Co.	No. 1 Auger Mine	Hampshire Hill	Franklin	28"	Auger Strip	Conveyor	Truck
Win-More M & C Co. ....	Koontz Tract	Klondike	Pittsburg	80"	Strip	Power Shovel	Truck
Wiener Bros. Coal Co., Inc. ....	Reed Tract	Midlothian	Redstone Tyson	34"-77"	Strip	Power Shovel	Truck
Breneman Bros. Coal Co. ....	Glofelty Tract	Bittering	Bakerstown	36"	Strip	Power Shovel	Truck
Buffalo Coal Co., Inc. ....	Strip	Lonaconing	Tyson	30"	Strip	Power Shovel	Railroad
Buffalo Coal Co., Inc. ....	Strip	Mill Run	Bakerstown	30"	Strip	Power Shovel	Truck
D & K Coal Co. ....	Newman, Ball, Beachy & Yoder Tract	Gratzville	Kittanning	23"-36"	Strip	Power Shovel	Truck

Ebensburg Coal & Clay Co. ....	Beitzel	Pleasant Valley	Pittsburg	18"	Strip	Power Shovel	Truck
Ginniman & Ware Coal Co. ....	Green Tract	Lonaconing	Pittsburg	12'	Strip	Power Shovel	Truck
Ginniman & Ware Coal Co. ....	State	Laurel Run	Franklin	24"	Strip	Power Shovel	Truck
Ginniman & Ware Coal Co. ....	Robertson	Barton	Franklin	20"	Strip	Power Shovel	Truck
Moran Coal Co., Inc. ....	Strip	Westernport	Freeport	30"	Strip	Power Shovel	Truck
Moran Coal Co., Inc. ....	Strip	Westernport	Franklin	28"	Strip	Power Shovel	Truck
Moran Coal Co., Inc. ....	Strip	Westernport	Bakerstown	28"	Strip	Power Shovel	Truck
Moran Coal Co., Inc. ....	Strip	Westernport	Pittsburg	10'	Strip	Power Shovel	Truck
Nethken, W. R. & Co., Inc. leased to G & S C Co., Inc. ....	Frazee Tract	Wolf Den Run	Freeport	28"-48"	Strip	Power Shovel	Truck, Railroad
Nethken, W. R. & Co., Inc. leased to G & S C Co., Inc. ....	Manor Tract	Vindex & Manor Hill	Freeport	9'-38"	Auger Strip	Power Shovel	Truck, Railroad
Parnell & Richards Coal Co. ...	Richards & Umbel	Friendsville	Kittanning	43"	Strip	Power Shovel	Truck
Rodamer, Clarence Coal Co. ....	Rodamer Tract	Bittinger	Bakerstown	32"	Strip	Power Shovel	Truck
Rodamer, Clarence Coal Co. ....	Strip	Bittinger	Bakerstown	25"	Strip	Power Shovel	Truck
Russel Shafer Coal Co. ....	No. 1 Mine	Friendsville	Kittanning	40"	Strip	Power Shovel	Truck
Russel Shafer Coal Co. ....	Strip	Friendsville	Kittanning	48"	Strip	Power Shovel	Truck
Shallmar Coal Co., Inc. ....	Strip	Shallmar	Kittanning	23" 48"	Strip Strip	Power Shovel Power Shovel	Railroad Railroad
Shallmar Coal Co., Inc. ....	Strip	Shallmar	Kittanning	40"-60" 30"	Strip Strip	Power Shovel Power Shovel	Railroad Railroad
Shallmar Coal Co., Inc. ....	Auger	Shallmar	Kittanning	40"-60" 30"	Auger Auger	Power Shovel Power Shovel	Railroad Railroad
Upole, Harold H. Coal Co. ....	Strip	Bethlehem	Freeport	30"	Strip	Power Shovel	Truck
Upperman Coal Co., ....	Strip						

## MINE INSPECTIONS

## Allegheny County

1970

Date	Name of Company and Mine	Location	Inspector
Jan.	5—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	5—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	6—Winner Bros. Coal Co., Inc. (40)	Midlothian	Droppelman
"	6—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	6—Homage Coal Co. (149)	Lonaconing	DeShong
"	6—C. A. Liller Coal Co. (102) (Auger)	Barton	DeShong
"	6—Pine Mt. Coal Co. (69)	Gilmore	DeShong
"	6—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	7—J. R. Thrasher C & S Co. (120)	Midland	DeShong
"	7—William Brashear (135)	Westernport	DeShong
"	7—C. A. Liller Coal Co. (130)	Lonaconing	DeShong
"	7—Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	7—Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	8—Win-More Mining & Const. Co., Inc. (124)	Klondike	Droppelman
"	12—William Brashear (135)	Westernport	DeShong
"	12—Raymond A. Wolf Coal Co. (146) (Auger)	Westernport	DeShong
"	14—Fickes Coal Co. (22)	Barton	DeShong
"	14—Wolf & Fickes Coal Co. (22)	Franklin	DeShong
"	15—Beener Coal Co. (143)	Barton	DeShong
"	19—Bakerstown Coal Co. (3)	Barton	DeShong
"	20—Fickes Coal Co. (22)	Barton	DeShong
"	20—Wolf & Fickes Coal Co. (22)	Franklin	DeShong
"	21—Matthews Coal Co. (21)	Lonaconing	DeShong
"	22—Moffatt Coal Co. (18)	Lonaconing	DeShong
"	23—Michaels Coal Co. (37)	Lonaconing	DeShong
"	23—Pine Hill Coal Co. (58)	Gilmore	DeShong
"	23—Piney Mt. Coal Co. (42)	Lonaconing	DeShong
"	27—W & W Coal Co., No. 6 Mine	Barton	DeShong
"	29—Fazenbaker Coal Co., No. 1 Mine	Lonaconing	DeShong
"	29—C. A. Liller Coal Co. (102) (Auger)	Barton	DeShong
Feb.	2—Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	3—Ginniman & Ware Coal Co. (141)	Barton	DeShong
"	3—C. A. Liller Coal Co. (130)	Lonaconing	DeShong
"	3—Pine Mt. Coal Co. (69)	Gilmore	DeShong
"	4—Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	4—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	4—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	5—Homage Coal Co. (149)	Lonaconing	DeShong
"	5—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	5—J. R. Thrasher C & S Co. (120)	Midland	DeShong
"	6—J. R. Thrasher C & S Co. (162)	Barton	DeShong
"	9—William Brashear (135)	Westernport	DeShong
"	10—Beener Coal Co. (143)	Barton	DeShong
"	10—Ginniman & Ware Coal Co. (145)	Lonaconing	DeShong
"	13—C. A. Liller Coal Co. (102) (Auger)	Lonaconing	DeShong
"	18—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	25—T. G. & C. Coal Co., Inc. (157)	Midlothian	DeShong
Mar.	3—Homage Coal Co. (149)	Lonaconing	DeShong
"	3—Pine Mt. Coal Co. (69)	Gilmore	DeShong
"	3—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	6—Pine Hill Coal Co. (58)	Gilmore	DeShong
"	9—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	9—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	10—Win-More Mining & Const. Co., Inc. (124)	Midlothian	Droppelman
"	11—J. R. Thrasher C & S Co. (162)	Barton	DeShong
"	11—Moffatt Coal Co. (18)	Lonaconing	DeShong
"	12—Ginniman & Ware Coal Co. (141)	Lonaconing	DeShong
"	13—T. G. & C. Coal Co., Inc. (157)	Midlothian	DeShong
"	13—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	17—Fickes Coal Co. (22)	Barton	DeShong
"	17—Raymond A. Wolf Mining Co. (22)	Westernport	DeShong
"	17—William Brashear (135)	Westernport	DeShong
"	18—C. A. Liller Coal Co. (102) (Auger)	Barton	DeShong
"	19—J. R. Thrasher C & S Co. (120)	Midland	DeShong
"	19—Bakerstown Coal Co. (3)	Barton	DeShong

## MINE INSPECTIONS

## Allegany County

1970

Date	Name of Company and Mine	Location	Inspector
Mar.	19-Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	26-Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	26-Beener Coal Co., Inc. (163)	Lonaconing	DeShong
"	26-Beener Coal Co., (143)	Barton	DeShong
"	31-Fazenbaker Coal Co. (1)	Lonaconing	DeShong
"	31-Matthews Coal Co. (21)	Lonaconing	DeShong
"	31-Michaels Coal Co. (37)	Lonaconing	DeShong
"	31-Pine Hill Coal Co. (58)	Lonaconing	DeShong
"	31-Piney Mt. Coal Co. (42)	Gilmore	DeShong
"	31-Piney Mt. Coal Co. (42)	Lonaconing	DeShong
"	31-Piney Mt. Coal Co. (42)	Lonaconing	DeShong
Apr.	1-Ginniman & Ware Coal Co. (141)	Barton	DeShong
"	1-C. A. Liller Coal Co. (102) (Auger)	Barton	DeShong
"	1-Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	8-Homage Coal Co. (149)	Lonaconing	DeShong
"	8-Pine Mt. Coal Co. (69)	Gilmore	DeShong
"	9-William Brashear (135)	Westernport	DeShong
"	10-Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	10-C. A. Liller Coal Co. (130)	Barton	DeShong
"	14-Ginniman & Ware Coal Co. (145)	Lonaconing	DeShong
"	14-J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	16-W & W Coal Co. (134)	Barton	DeShong
"	20-Beener Coal Co. (143)	Barton	DeShong
"	20-Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	20-Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	20-Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	21-J. R. Thrasher C & S Co. (120)	Lonaconing	DeShong
"	28-Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	29-T. G. & C. Coal Co., Inc. (157)	Carlos	DeShong
May	1-Winner Bros. Coal Co., Inc.	Midlothian	Droppleman
"	5-Homage Coal Co. (149)	Lonaconing	Droppleman
"	5-C. A. Liller Coal Co. (130)	Lonaconing	DeShong
"	5-Pine Mt. Coal Co. (69)	Lonaconing	DeShong
"	5-J. R. Thrasher C & S Co. (138)	Gilmore	DeShong
"	5-Win-More Mining & Const. Co., Inc. (124)	Lonaconing	DeShong
"	6-Beener Coal Co. (143)	Klondike	Droppleman
"	6-C. A. Liller Coal Co. (102) (Auger)	Barton	DeShong
"	6-Raymond A. Wolf Coal Co. (146) (Auger)	Barton	DeShong
"	7-Phoenix Big Vein Coal Co. (15) (Auger)	Franklin	DeShong
"	7-Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	8-Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	8-J. R. Thrasher C & S Co. (120)	Franklin	Droppleman
"	11-Buffalo Coal Co., Inc. (163)	Midland	Droppleman
"	11-Moffatt Coal Co. (18)	Lonaconing	DeShong
"	12-Raymond A. Wolf Mining Co. (146) (Auger)	Lonaconing	DeShong
"	12-T. G. & C. Coal Co., Inc. (157)	Franklin	DeShong
"	13-Ginniman & Ware Coal Co. (141)	Carlos	Droppleman
"	13-J. R. Thrasher C & S Co. (162)	Barton	DeShong
"	14-William Brashear (135)	Barton	DeShong
"	19-Ginniman & Ware Coal Co. (145)	Westernport	DeShong
"	22-Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	22-Win-More Mining & Const. Co., Inc. (124)	Lonaconing	DeShong
"	28-Winner Bros. Coal Co., Inc. (40)	Klondike	Droppleman
"	4-William Brashear (135)	Midlothian	Droppleman
June	4-C. A. Liller Coal Co. (102) (Auger)	Westernport	DeShong
"	5-Raymond A. Wolf Mining Co. (146) (Auger)	Barton	DeShong
"	5-Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	6-C. A. Liller Coal Co. (130)	Franklin	DeShong
"	8-Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	16-Win-More Mining & Const. Co., Inc. (124)	Barton	DeShong
"	19-J. R. Thrasher C & S Co. (120)	Klondike	Droppleman
"	23-T. G. & C. Coal Co., Inc. (157)	Midland	DeShong
"	23-Beener Coal Co. (143)	Midlothian	Droppleman
"	23-J. R. Thrasher C & S Co. (162)	Barton	DeShong
"	25-Winner Bros. Coal Co., Inc. (40)	Barton	DeShong
"	25-Homage Coal Co. (149)	Midlothian	Droppleman
"	26-J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"		Lonaconing	DeShong



## MINE INSPECTIONS

## Allegany County

1970

Date	Name of Company and Mine	Location	Inspector
July	1—William Brasher (135)	Westernport	DeShong
"	3—Win-More Mining & Const. Co., Inc. (124)	Klondike	Droppelman
"	6—Ginniman & Ware Coal Co. (141)	Barton	DeShong
"	6—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	7—Raymond A. Wolf Coal Co. (146) (Auger)	Franklin	DeShong
"	7—Raymond A. Wolf Coal Co. (146) (Auger)	Franklin	DeShong
"	8—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	8—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	8—Pine Mt. Coal Co. (69)	Gilmore	Droppelman
"	8—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	8—J. R. Thrasher C & S Co. (120)	Midland	DeShong
"	9—Beener Coal Co. (143)	Barton	DeShong
"	15—Clites Coal Co. (33)	Barrellville	Droppelman
"	15—Ginniman Coal Co. (166)	Barton	DeShong
"	21—Phoenix Big Vein Coal Co. (15) (Auger)	Barton	Droppelman
"	22—Homage Coal Co. (149)	Lonaconing	DeShong
"	24—Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	25—Win-More Mining & Const. Co., Inc. (124)	Midlothian	Droppelman
"	28—T. G. & C. Coal Co., Inc. (157)	Midlothian	Droppelman
"	29—Winner Bros. Coal Co., Inc. (40)	Midlothian	Droppelman
Aug.	4—Win-More Mining & Const. Co., Inc. (124)	Klondike	Droppelman
"	4—Ginniman Coal Co. (166)	Barton	DeShong
"	4—William Brashear (135)	Westernport	DeShong
"	4—C. A. Liller Coal Co. (102) (Auger)	Barton	DeShong
"	5—Beener Coal Co. (143)	Barton	DeShong
"	5—Ginniman Coal Co. (141)	Barton	DeShong
"	6—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	13—Clites Coal Co. (33)	Barrellville	Droppelman
"	13—J. R. Thrasher C & S Co. (120)	Midland	DeShong
"	14—Pine Mt. Coal Co. (42)	Gilmore	DeShong
"	18—Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	18—Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	19—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	20—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	21—Winner Bros. Coal Co., Inc. (40)	Midlothian	Droppelman
"	24—Homage Coal Co. (149)	Lonaconing	DeShong
"	26—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	26—Buffalo Coal Co., Inc. (163) (Auger)	Lonaconing	DeShong
"	27—T. G. & C. Coal Co., Inc. (157)	Midlothian	Droppelman
"	27—Michaels Coal Co. (37)	Lonaconing	Droppelman
"	28—Win-More Mining & Const. Co., Inc. (165)	Klondike	Droppelman
Sept.	3—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	3—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	4—Ginniman Coal Co. (166)	Barton	DeShong
"	10—Pine Mt. Coal Co. (69)	Gilmore	DeShong
"	10—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	15—J. R. Thrasher C & S Co. (120)	Midland	Droppelman
"	15—Ginniman Coal Co. (141)	Barton	DeShong
"	16—T. G. & C. Coal Co., Inc. (157)	Midlothian	Droppelman
"	16—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	17—Wolf & Fickes Coal Co. (22)	Franklin	DeShong
"	18—Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	18—Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	22—Beener Coal Co. (143)	Barton	DeShong
"	23—Win-More Mining & Const. Co., Inc. (165)	Klondike	Droppelman
"	24—William Brashear (135)	Westernport	DeShong
"	24—Winner Bros. Coal Co., Inc. (40)	Midlothian	Droppelman
"	25—Homage Coal Co. (149)	Lonaconing	DeShong
"	25—C. A. Liller Coal Co. (102) (Auger)	Barton	DeShong
"	25—Moffatt Coal Co. (18)	Lonaconing	Droppelman
"	30—Michaels Coal Co. (37)	Lonaconing	DeShong
"	30—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	30—Clites Coal Co. (33)	Barrellville	Droppelman
Oct.	2—J. R. Thrasher C & S Co. (120)	Midland	DeShong
"	8—Win-More Mining & Const. Co., Inc. (124)	Midlothian	Droppelman

## MINE INSPECTIONS

## Allegany County

1970

Date	Name of Company and Mine	Location	Inspector
Oct.	15—Beener Coal Co. (143)	Barton	DeShong
"	15—Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	15—Raymond A. Wolf Coal Co. (146) (Auger)	Franklin	DeShong
"	16—Winner Bros. Coal Co., Inc. (40)	Midlothian	Droppleman
"	16—Piney Mt. Coal Co. (42)	Lonaconing	DeShong
"	16—William Brashear (135)	Westernport	DeShong
"	20—C. A. Liller Coal Co. (102) (Auger)	Lonaconing	DeShong
"	20—Ginniman Coal Co. (166)	Barton	DeShong
"	21—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	21—Raymond A. Mining Co. (153) (Auger)	Franklin	DeShong
"	21—Ginniman Coal Co. (141)	Barton	DeShong
"	22—Buffalo Coal Co., Inc. (161)	Lonaconing	DeShong
"	23—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	27—Michaels Coal Co. (37)	Lonaconing	DeShong
"	27—Homage Coal Co. (149)	Lonaconing	DeShong
"	27—T. G. & C. Coal Co., Inc. (157)	Midlothian	Droppleman
"	28—Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	29—Win-More Mining & Const. Co., Inc. (165)	Midlothian	Droppleman
"	30—Fickes Coal Co. (22)	Barton	DeShong
Nov.	6—William Brashear (135)	Westernport	DeShong
"	6—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	9—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	9—Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	9—Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	10—Ginniman Coal Co. (141)	Barton	DeShong
"	12—Ginniman Coal Co. (166)	Barton	DeShong
"	12—C. A. Liller Coal Co. (102) (Auger)	Barton	DeShong
"	12—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	12—T. G. & C. Coal Co., Inc. (157)	Midlothian	Droppleman
"	12—Win-More Mining & Const. Co., Inc. (124)	Klondike	Droppleman
"	17—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	17—Homage Coal Co. (149)	Lonaconing	DeShong
"	20—Winner Bros. Coal Co., Inc. (40)	Midlothian	Droppleman
"	20—Winner Bros. Coal Co., Inc. (169)	Midlothian	Droppleman
"	24—J. R. Thrasher C & S Co. (120)	Midland	Droppleman
"	24—Beener Coal Co. (143)	Barton	DeShong
"	25—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	25—Pine Mt. Coal Co. (69)	Gilmore	DeShong
"	27—Win-More Mining & Const. Co., Inc. (165)	Midlothian	Droppleman
"	27—Clites Coal Co. (33)	Barreilville	Droppleman
Dec.	1—William Brashear (135)	Westernport	DeShong
"	1—William Brashear (135)	Westernport	DeShong
"	1—Phoenix Big Vein Coal Co. (15)	Barton	DeShong
"	1—Phoenix Big Vein Coal Co. (15) (Auger)	Barton	DeShong
"	1—Ginniman Coal Co. (166)	Barton	DeShong
"	1—Ginniman Coal Co. (141)	Barton	DeShong
"	2—Win-More Mining & Const. Co., Inc. (124)	Klondike	Droppleman
"	3—Raymond A. Wolf Mining Co. (146) (Auger)	Franklin	DeShong
"	3—Raymond A. Wolf Mining Co. (153) (Auger)	Franklin	DeShong
"	4—W & W Coal Co. (25)	Barton	DeShong
"	4—Moffatt Coal Co. (18)	Lonaconing	Droppleman
"	11—Beener Coal Co. (143)	Barton	DeShong
"	16—J. R. Thrasher C & S Co. (138)	Lonaconing	DeShong
"	16—Homage Coal Co. (149)	Lonaconing	DeShong
"	16—Pine Mt. Coal Co. (69)	Gilmore	DeShong
"	18—T. G. & C. Coal Co., Inc. (157)	Midlothian	Droppleman
"	23—Michaels Coal Co. (57)	Lonaconing	DeShong
"	29—Winner Bros. Coal Co., Inc. (169)	Midlothian	Droppleman
"	29—Win-More Mining & Const. Co., Inc. (165)	Midlothian	Droppleman
"	30—Buffalo Coal Co., Inc. (163)	Lonaconing	DeShong
"	31—Winner Bros. Coal Co., Inc. (40)	Midlothian	Droppleman
"	31—J. R. Thrasher C & S Co. (120)	Midland	Droppleman

## MINE INSPECTIONS

## Garrett County

1970

Date	Name of Company and Mine	Location	Inspector
Jan.	2-Willow Coal Corp. No. 1 Mine	Vindex	DeShong
"	2-Burrell Bros., No. 2 Mine	Kitzmiller	Evans
"	5-Ginniman & Ware Coal Co. (145)	Lonaconing	DeShong
"	6-Dorsey Coal Co. (93)	Cullin	Evans
"	6-R & R Coal Co. (83)	Swallow Falls	Evans
"	6-Ream, Harland (84)	Swallow Falls	Evans
"	7-Buffalo Coal Co., Inc. (161)	Mill Run	DeShong
"	7-J. R. Thrasher C & S Co. (162)	Lonaconing	DeShong
"	7-Brenneman Coal Co. (95)	Pleasant Valley	Evans
"	7-Nethken, W. R., Earl No. 1 Mine	Vindex	Evans
"	8-Moran Coal Co., Freeport I, II, IV, & V (20)	Westernport	DeShong
"	8-F & P Coal Co. (102)	Vindex	Evans
"	8-Les Paugh Coal Co. (104)	Bethlehem	Evans
"	9-Moran Coal Co., Inc. Franklin III-IV (20)	Westernport	DeShong
"	9-Moran Coal Co., Inc. Freeport III-IV (20)	Westernport	DeShong
"	13-Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	13-Moran Coal Co., Inc., Franklin V-VI (20)	Westernport	DeShong
"	13-F & P Coal Co. (102)	Vindex	Evans
"	14-Lost Land Coal Co. (88)	Bethlehem	Evans
"	14-Upperman Coal Co.	Deer Park	Evans
"	15-Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	20-Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	21-Buffalo Coal Co., Inc. No. 2 Mine	Vindex	Evans
"	22-Moran Coal Co., Inc., Pittsburg BVII-III (20)	Westernport	DeShong
"	22-Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	26-Upole, Harold Coal Co. (156)	Bethlehem	Evans
"	26-Rostosky, Mike Coal Co. (159)	Bethlehem	Evans
"	27-P & R Co. (134)	Friendsville	Evans
"	28-G & S Coal Co., Inc. (137) (Auger)	Mt. Zion	Evans
"	29-Folly Run Coal Co. (75)	Walnut Bottom	Evans
Feb.	2-Moran Coal Co., Inc., Freeport I, II, III, IV	Westernport	DeShong
"	3-Moran Coal Co., Inc. Freeport V-V (20)	Westernport	DeShong
"	4-Cross Cut Coal Co. (107)	Mt. Zion	Evans
"	5-Callis Coal Co. (103)	Deer Park	Evans
"	5-R & R Coal Co. (83)	Swallow Falls	Evans
"	5-Ream, Harland Coal Co. (84)	Swallow Falls	Evans
"	6-Moran Coal Co., Inc. Franklin III-IV (20)	Westernport	DeShong
"	10-Buffalo Coal Co., Inc. No. 2 Mine	Vindex	Evans
"	11-Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	11-Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	11-Buffalo Coal Co., Inc., No. 1 Mine	Vindex	Evans
"	13-Moran Coal Co., Inc., Pittsburg BVII-III (20)	Westernport	DeShong
"	13-Moran Coal Co., Inc., Franklin V-VI	Westernport	DeShong
"	17-Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	18-Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	19-Brenneman Bros. Coal Co. (132)	Bittinger	Evans
"	19-Win-More Mining & Const. Co., Inc. (124)	Midlothian	DeShong
"	19-Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	23-G & S Coal Co., Inc. (137) (Auger)	Mt. Zion	Evans
"	25-P & R Coal Co. (134)	Friendsville	Evans
"	26-D & K Coal Co. (105)	Grantsville	Evans
Mar.	3-Rostosky, Mike Coal Co. (159)	Bethlehem	Evans
"	3-Upole, Harold Coal Co. (156)	Bethlehem	Evans
"	4-Buffalo Coal Co., Inc. No. 2 Mine	Vindex	Evans
"	4-Moran Coal Co., Inc., Franklin III-IV (20)	Westernport	DeShong
"	4-Moran Coal Co., Inc., Freeport I, II, III, IV, V, VI	Westernport	DeShong
"	5-Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	6-Moran Coal Co., Inc., Pittsburg (20)	Westernport	DeShong
"	10-R & R Coal Co. (83)	Swallow Falls	Evans
"	10-Ream, Harland Coal Co. (84)	Swallow Falls	Evans
"	10-Wolf Run Coal Co. (111)	Kitzmiller	Evans
"	11-Buffalo Coal Co., Inc. (161)	Mill Run	DeShong
"	12-Burrell Bros. Coal Co., No. 2 Mine	Kitzmiller	Evans
"	12-Cross Cut Coal Co. (107)	Mt. Zion	Evans
"	12-Ginniman & Ware Coal Co.	Lonaconing	DeShong

## MINE INSPECTIONS

## Garrett County

1970

Date	Name of Company and Mine	Location	Inspector
Mar.	17—Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	19—P & R Coal Co. (134)	Friendsville	Evans
"	23—Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	23—Moran Coal Co., Franklin II-III (20)	Westernport	DeShong
"	23—Moran Coal Co., Inc., Pittsburg BVII-III (20)	Westernport	DeShong
"	23—Willow Coal Co. (92)	Vindex	Droppleman
"	24—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	24—Moran Coal Co., Inc., Franklin V-VI (20)	Westernport	DeShong
"	26—G & S Coal Co., Inc. (137)	Mt. Zion	Evans
"	26—G & S Coal Co., Inc. (137) (Auger)	Mt. Zion	Evans
"	31—Burrell Bros. Coal Corp. No. 1 Mine	Kitzmilller	Evans
"	31—Dorsey Coal Co. (93)	Cullin	Evans
Apr.	1—Brenneman Bros. Coal Co. (132)	Bittinger	Droppleman
"	2—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	2—Rostosky, Mike Coal Co. (159)	Bethlehem	Droppleman
"	9—Buffalo Coal Co., Inc.	Mill Run	Droppleman
"	14—P & R Coal Co. (134)	Friendsville	Evans
"	16—Moran Coal Co., Inc. Freeport III, IV, V, VI (20)	Westernport	DeShong
"	16—Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	17—Moran Coal Co., Inc., Franklin V, VI (20)	Westernport	DeShong
"	17—Moran Coal Co., Inc., Freeport I, II (20)	Westernport	DeShong
"	20—Brenneman Bros. Coal Co. (132)	Bittinger	Droppleman
"	20—Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	20—Moran Coal Co., Inc., Pittsburg BVII-III (20)	Westernport	DeShong
"	21—G & S Coal Co., Inc. (137)	Mt. Zion	Evans
"	21—G & S Coal Co., Inc. (137) (Auger)	Mt. Zion	Evans
"	23—D & K Coal Co. (105)	Grantsville	Droppleman
"	27—Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	27—Ebensburg Coal Co. (152)	Grantsville	Droppleman
"	27—Twin States Coal Co. (150)	Bethlehem	Evans
"	28—Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	30—Rostosky, Mike Coal Co. (169)	Bethlehem	Evans
"	30—Upole, Harold Coal Co. (156)	Bethlehem	Evans
May	5—Buffalo Coal Co., Inc. No. 2 Mine	Lonaconing	Droppleman
"	7—Moran Coal Co., Inc., Freeport I, II (20)	Lonaconing	DeShong
"	8—Moran Coal Co., Inc., Bakerstown (20)	Westernport	DeShong
"	8—Moran Coal Co., Inc., Freeport III, IV, V, VI (20)	Westernport	DeShong
"	10—G & S Coal Co., Inc. (137)	Mt. Zion	Evans
"	11—D & K Coal Co. (105)	Mt. Zion	Evans
"	14—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	14—Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	14—Brenneman Bros. Coal Co. (132)	Bittinger	Droppleman
"	15—Moran Coal Co., Inc., Pittsburg BVII-III (20)	Westernport	DeShong
"	15—Moran Coal Co., Inc., Pittsburg (20)	Westernport	DeShong
"	15—Moran Coal Co., Inc., Franklin III-IV (20)	Westernport	DeShong
"	20—Moran Coal Co., Inc., Franklin V-VI (20)	Westernport	DeShong
"	20—Kinsinger Coal Co. (52)	Jennings	DeShong
"	20—Rodamer Coal Co. (164)	Jennings	Droppleman
"	20—F & P Coal Co. (102)	Vindex	Evans
"	20—G & S Coal Co., Inc., Earl No. 1 Mine	Vindex	Evans
"	21—Shafer, Russell Coal Co. (160)	Friendsville	Evans
"	22—Win-More Mining & Const. Co., Inc. (165)	Frostburg	Droppleman
"	26—P & R Coal Co. (134)	Friendsville	Evans
"	27—Rostosky, Mike Coal Co. (159)	Bethlehem	Evans
"	27—Upole, Harold Coal Co. (156)	Bethlehem	Evans
"	28—Ebensburg Coal Co. (152)	Grantsville	Droppleman
"	28—Ebensburg Coal Co. (152)	Grantsville	Droppleman
June	9—Ginniman & Ware Coal Co.	Lonaconing	DeShong
"	10—D & K Coal Co. (105)	Mt. Zion	Evans
"	11—Moran Coal Co., Inc., Freeport I, II, III, IV (20)	Westernport	DeShong
"	11—Moran Coal Co., Inc., Freeport V, VI (20)	Westernport	DeShong
"	12—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	12—Moran Coal Co., Inc., Bakerstown (20)	Westernport	DeShong
"	13—P & R Coal Co. (134)	Friendsville	Evans
"	15—Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	15—Wolf Run Coal Co. (111)	Kitzmilller	Evans

## MINE INSPECTIONS

## Garrett County

1970

Date	Name of Company and Mine	Location	Inspector
June	16—R & R Coal Co. (83)	Swallow Falls	Evans
"	16—Ream, Harland Coal Co. (84)	Swallow Falls	Evans
"	18—Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	24—Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	25—Rostosky, Mike Coal Co. (159)	Bethlehem	Droppleman
"	25—Upole, Harold Coal Co. (156)	Bethlehem	Evans
July	1—Ebensburg Coal Co. (152)	Grantsville	Droppleman
"	1—Moran Coal Co., Inc., Pittsburg BVII-III (20)	Westernport	DeShong
"	1—Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	2—Moran Coal Co., Inc., Franklin III-IV (20)	Westernport	DeShong
"	2—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	4—F & P Coal Co. (102)	Vindex	Evans
"	7—Brenneman Bros. Coal Co. (132)	Bittinger	Droppleman
"	7—Buffalo Coal Co., Inc. (161)	Mill Run	DeShong
"	8—Upperman Coal Co.	Bethlehem	Evans
"	9—Lost Land Coal Co. (88)	Bethlehem	Evans
"	9—Dorsey Coal Co. (93)	Crellin	Evans
"	10—Moran Coal Co., Inc., Franklin V-VI (20)	Westernport	DeShong
"	12—Moran Coal Co., Bakerstown	Westernport	DeShong
"	13—Burrell Bros. Coal Corp., No. 1 Mine	Kitzmilller	Evans
"	13—Cross Cut Coal Co. (107)	Mt. Zion	Evans
"	14—D & K Coal Co. (105)	Grantsville	Evans
"	14—Moran Coal Co., Inc., Freeport I, II, III, IV, V, VI	Westernport	DeShong
"	14—Buffalo Coal Co., Inc. (97)	Kempton	DeShong
"	14—G & S Coal Co., Inc. (137)	Mt. Zion	Evans
"	16—Moran Coal Co., Inc., Bakerstown (20)	Westernport	DeShong
"	22—Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	23—Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	28—P & R Coal Co. (134)	Friendsville	Evans
"	28—Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	29—Rostosky, Mike Coal Co. (159)	Bethlehem	Evans
"	29—Upole, Harold Coal Co. (156)	Bethlehem	Evans
"	30—Burrell Bros. Coal Corp. (167)	Kitzmilller	Evans
"	30—Burrell Bros. Coal Corp., No. 2 Mine	Kitzmilller	Evans
Aug.	5—Kinsinger Coal Co. (52)	Jennings	Droppleman
"	5—Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	6—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	6—Moran Coal Co., Inc., Bakerstown (20)	Westernport	DeShong
"	10—Buffalo Coal Co., Inc. (161)	Mill Run	DeShong
"	11—Buffalo Coal Co., Inc. (161)	Mill Run	DeShong
"	12—R & R Coal Co. (83)	Swallow Falls	Evans
"	12—Ream, Harland Coal Co. (84)	Swallow Falls	Evans
"	13—Moran Coal Co., Inc., Franklin III, IV, V, VI (20)	Westernport	DeShong
"	13—Moran Coal Co., Inc., Freeport (20)	Westernport	DeShong
"	13—Buffalo Coal Co., Inc., No. 2 Mine	Vindex	DeShong
"	14—Buffalo Coal Co., Inc. (97)	Kempton	Evans
"	14—G & S Coal Co., Inc. (137)	Mt. Zion	Evans
"	14—D & K Coal Co. (105)	Grantsville	Droppleman
"	17—Moran Coal Co., Inc., Freeport I, II, III, IV, V, VI	Westernport	DeShong
"	18—G & S Coal Co., Inc. (137)	Mt. Zion	Evans
"	18—Moran Coal Co., Inc., Pittsburg BVII-III (20)	Westernport	DeShong
"	19—Russel Shafer Coal Co. (160)	Friendsville	Evans
"	19—J. R. Thrasher C & S Co. (162)	Barton	DeShong
"	20—Brenneman Bros. Coal Co. (132)	Bittinger	Droppleman
"	20—Ebensburg Coal Co. (152)	Grantsville	Droppleman
"	20—Upperman Coal Co. (167)	Bethlehem	Evans
"	25—Pulford, Frank Coal Co. (168)	Barton	DeShong
"	26—Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	27—Ginniman Coal Co. (145)	Lonaconing	DeShong
"	27—P & R Coal Co. (134)	Friendsville	Evans
"	27—Rostosky, Mike Coal Co. (159)	Friendsville	Evans
"	27—Upole, Harold Coal Co. (156)	Bethlehem	Evans
Sept.	1—G & S Coal Co., Inc. (137) (Augur)	Mt. Zion	Evans
"	2—Dorsey Coal Co. (93)	Crellin	Evans
"	2—Wolf Run Coal Co. (111)	Kitzmilller	Evans
"	3—Brenneman Bros. Coal Co. (132)	Bittinger	Droppleman

## MINE INSPECTIONS

## Garrett County

1970

Date	Name of Company and Mine	Location	Inspector
Sept.	3—D & K Coal Co. (105)	Grantsville	Droppleman
"	3—Cross Cut Coal Co. (107)	Mt. Zion	Evans
"	4—Win-More Mining & Const. Co., Inc. (124)	Midlothian	Droppleman
"	4—Ginniman Coal Co. (145)	Lonaconing	DeShong
"	10—Ebensburg Coal Co. (152)	Grantsville	Droppleman
"	10—Moran Coal Co., Inc., Franklin I, II, III, IV (20)	Westernport	DeShong
"	15—Moran Coal Co., Inc., Franklin III, IV	Westernport	DeShong
"	16—Mineral Coal Co., Inc. of W. Va. (64)	Sand Flat	Evans
"	16—Upperman Coal Co. (167)	Bethlehem	Evans
"	17—Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	17—Moran Coal Co., Inc., Freeport V, VI (20)	Westernport	DeShong
"	17—P & R Coal Co. (134)	Friendsville	Evans
"	17—Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	18—Garrett Coal Corp. Che	Chestnut Grove	Evans
"	22—Buffalo Coal Co., Inc. (161)	Mill Run	DeShong
"	23—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	23—Moran Coal Co., Inc., Bakerstown (20)	Westernport	DeShong
"	23—Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	24—J. R. Thrasher C & S Co. (162)	Barton	DeShong
"	25—Rostosky, Mike Coal Co. (159)	Bethlehem	Evans
"	25—Upole, Harold Coal Co. (156)	Bethlehem	Evans
"	29—Moran Coal Co., Inc., Pittsburg BVII-III (20)	Westernport	DeShong
"	29—Moran Coal Co., Inc., Franklin II, III, V, VI (20)	Westernport	DeShong
"	29—G & S Coal Co., Inc. (137) (Auger)	Mt. Zion	Evans
"	30—G & S Coal Co., Inc. (137) (Auger)	Mt. Zion	Evans
Oct.	7—Brenneman Bros. Coal Co. (132)	Bittinger	Droppleman
"	8—Mineral Coal Co., Inc. of W. Va. (64)	Sand Flat	Evans
"	8—Rostosky, Mike Coal Co. (159)	Bethlehem	Evans
"	8—Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	9—Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	9—D & K Coal Co. (105)	Grantsville	Droppleman
"	10—Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	13—Moran Coal Co., Inc., Bakerstown (20)	Westernport	DeShong
"	15—Wolf Run Coal Co. (111)	Kitzmilller	Evans
"	15—Pulford, Frank Coal Co. (168)	Barton	DeShong
"	15—Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	20—Moran Coal Co., Inc., Freeport I, II, III, IV, V, VI	Westernport	DeShong
"	20—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	21—Moran Coal Co., Inc., Franklin (20)	Westernport	DeShong
"	22—Ginniman Coal Co. (141)	Barton	DeShong
"	22—P & R Coal Co. (134)	Friendsville	Evans
"	23—Moran Coal Co., Inc., Franklin (20)	Westernport	DeShong
"	23—Ebensburg Coal Co. (152)	Grantsville	Droppleman
"	28—Buffalo Coal Co., Inc. (161)	Bayard	DeShong
"	29—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	29—Upole, Harold Coal Co. (156)	Bethlehem	Evans
"	29—Upperman Coal Co. (167)	Bethlehem	Evans
Nov.	5—Lost Land Coal Co. (88)	Bethlehem	Evans
"	5—Upperman Coal Co. (167)	Bethlehem	Evans
"	5—J. R. Thrasher C & S Co. (162)	Barton	DeShong
"	6—Pulford, Frank Coal Co. (168)	Barton	DeShong
"	6—Moran Coal Co., Inc., Bakerstown (20)	Westernport	DeShong
"	6—D & K Coal Co. (105)	Mt. Zion	Evans
"	10—Moran Coal Co., Inc., Franklin (20)	Westernport	DeShong
"	10—Moran Coal Co., Inc., Freeport I, II, III, IV, V, VI	Westernport	DeShong
"	10—Shafer, Russel Coal Co. (160)	Friendsville	Evans
"	10—Shafer, Russel Coal Co. (170)	Friendsville	Evans
"	10—Ebensburg Coal Co. (152)	Grantsville	Droppleman
"	12—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	12—Rostosky, Mike Coal Co. (159)	Bethlehem	Evans
"	12—Mineral Coal Co., Inc. of W. Va. (64)	Sand Flat	Evans
"	17—Shallmar Coal Co., Inc. (140)	Shallmar	Evans
"	17—Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	17—Brenneman Bros. Coal Co. (132)	Bittinger	Droppleman
"	19—P & R Coal Co. (134)	Friendsville	Evans
"	20—Moran Coal Co., Inc., Franklin (20)	Westernport	DeShong

## MINE INSPECTIONS

## Garrett County

1970

Date	Name of Company and Mine	Location	Inspector
Nov.	20—Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	23—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	24—G & S Coal Co., Inc. (137)	Mt. Zion	Evans
"	24—Buffalo Coal Co., Inc. (161)	Mill Run	DeShong
"	25—Upperman Coal Co. (167)	Bethlehem	Evans
"	25—Upole, Harold Coal Co. (156)	Bethlehem	Evans
"	25—The Chief Coal Co. (171)	Hollow Road	Droppleman
"	25—Ginniman Coal Co. (145)	Lonaconing	DeShong
Dec.	1—Ebensburg Coal Co. (152)	Grantsville	Droppleman
"	3—Rodamer, Clarence Coal Co. (164)	Jennings	Droppleman
"	4—Kinsinger Coal Co. (52)	Jennings	Droppleman
"	7—Moran Coal Co., Inc., Freeport (20) (Auger)	Westernport	DeShong
"	14—Moran Coal Co., Inc., Bakerstown (20)	Westernport	DeShong
"	14—Moran Coal Co., Inc., Pittsburg BVII-III	Westernport	DeShong
"	15—Pulford, Frank Coal Co. (168)	Barton	DeShong
"	15—Moran Coal Co., Inc., Freeport III, IV, V, VI (20)	Westernport	DeShong
"	17—D & K Coal Co. (105)	Grantsville	Droppleman
"	18—J. R. Thrasher Contr. & Strpg. Co. (162)	Barton	DeShong
"	18—Moran Coal Co., Inc., Franklin III-IV (20)	Westernport	DeShong
"	18—Moran Coal Co., Inc., Pittsburg BVI (20)	Westernport	DeShong
"	18—Moran Coal Co., Inc., Franklin II-III (20)	Westernport	DeShong
"	21—Shafer, Russel Coal Co. (160) & (170)	White Rock	Evans
"	22—Upperman Coal Co. (167)	Bethlehem	Evans
"	22—Upole, Harold Coal Co. (156)	Bethlehem	Evans
"	22—Moran Coal Co., Inc., Franklin V-VI (20)	Westernport	DeShong
"	23—Mineral Coal Co., Inc., of W. Va. (64)	Sand Flat	Evans
"	23—Brenneman Bros. Coal Co. (132)	Jennings	Droppleman
"	23—The Chief Coal Co. (171)	Hare Hollow	Droppleman
"	23—Ginniman Coal Co. (145)	Lonaconing	DeShong
"	29—Ream, Harland Coal Co. (84)	Swallow Falls	Evans
"	29—R & R Coal Co. (83)	Swallow Falls	Evans
"	30—Dorsey Coal Co. (93)	Crellin	Evans
"	30—Callis Coal Co. (103)	Bethlehem	Evans
"	31—Burrell Bros. Coal Corp., No. 1 Mine	Kitzmiller	Evans
"	31—Burrell Bros., Coal Corp., No. 2 Mine	Kitzmiller	Evans

### ACTIVITIES OF FUEL COMBUSTION ADVISER

During the year 1970, Mr. Joseph W. Kyle, Fuel Combustion Adviser, spent 100 days in the office and laboratory at Westernport and 36 days at State Institutions. A total of 94 days were spent in the field collecting samples, advising on coal preparation, etc. Mr. Kyle processed 135 coal samples in the coal testing laboratory.

Six coal complaints were received concerning delivered coal at State Institutions. Three complaints were concerning low-heat value. One complaint each of wet coal, high ash content and oversized coal. Samples of these coals were collected and analyzed. Conferences were held with the shippers and consumers and corrections and adjustments were made on the shipments.

### THOMAS B. POWELL

On January 31, 1970, Thomas B. Powell retired from State Service. Mr. Powell had served as District Mine Inspector from December 2, 1953, having transferred to this Department from the U.S. Bureau of Mines.

Mr. Powell had been associated with the coal mining industry all of his adult life.

Mr. Powell is a member of the Mine Inspector's Institute. He was also a member of the National Mine Rescue Association and the Coal Mining Institute of America.

Mr. Powell was born in Frostburg, Maryland on January 14, 1900. He is married to the former Veanetta Mower. They have one son Richard who teaches music at Severna Park High School, Severna Park, Maryland.