

## State inspector of coal mines reports

### Section 129, Pages 3841 - 3870

These reports of the Kansas State Mine Inspector mostly concern coal mining, though by 1929 the scope of the reports broadens to include metal mines. The content of individual reports will vary. The reports address mining laws and mining districts; industry production and earnings; fatal and non-fatal accidents; accident investigations and transcripts of oral interviews; labor strikes; mine locations; mining companies and operators; and proceedings of mining conventions. The reports document the political, economic, social, and environmental impacts of more than seventy years of mining in southeastern Kansas.

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KANSAS  
HISTORICAL  
SOCIETY

### MINE EXPLOSIONS.

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During the year 1926 six explosions occurred, including an ignition of powder which took the life of William Mulholland. The greatest explosion of the year was that of the Cigarette mine on May 14, which caused the loss of the lives of three workmen and a bystanding visitor. Rock-dusting has undoubtedly prevented explosions during the shot-firing period, and it is to this preventive that we credit the absence of fatalities to shotfirers during the period of shooting shots. Three of the following explosions were of small magnitude and localized quickly:

#### EXPLOSION AT HAMILTON COAL AND MERCANTILE CO. MINE NO. 9, FEBRUARY 22, 1926.

This explosion was of sufficient magnitude to completely destroy the mine, but was localized rapidly on account of the mine being rock-dusted.

(Investigated by James Sherwood.) An investigation was made of an explosion which occurred at the Hamilton Coal and Mercantile Company's mine No. 9, on February 20, 1926, at about 7:30 p.m. Sam Majors, shotfirer, was severely burned about the back, right arm and neck, while firing shots in the second east off the third north on the east side of the mine. A reading of 1,600 cubic feet of air was obtained in the last crosscut at the face, which was 37 feet from the face. I got a register of gas just inside of the crosscut. I found this explosion of gas had shaken all the stoppings in the second east and came out to the third north, a distance of about 400 feet. This explosion had sufficient magnitude to completely destroy the mine and cause the loss of both shotfirers' lives, but due to the mine being thoroughly rock-dusted the explosion subsided at the second east switch on the main entry.

Mr. Majors lit the gas at the last crosscut, about 30 feet from the face. The gasman marked this place to indicate that there was gas present, but John Ritchenston cleared it and one of the miners worked in this place all day. The fan was slowed down while the shooting was done and this allowed the gas to accumulate.

#### EXPLOSION AT HAMILTON COAL AND MERCANTILE CO. MINE NO. 9, FEBRUARY 26, 1926.

A windy shot was the cause of this explosion which resulted in burning the shotfirers slightly. If this mine had not been rock-dusted it is probable this would have been a disastrous explosion.

(Investigated by James Sherwood.) An investigation was made of an explosion caused by a windy shot at the Hamilton Coal and Mercantile Company's mine No. 9 on February 26, 1926. This windy shot was in the first north on the east side. One of the shotfirers found two shots that had been fired. One on the left rib had done its work and the one on the right was drilled to a depth of 8 feet and had a 5-foot chance. It was drilled 2 feet on the solid and 2 feet thick ahead of shot; 6 feet thick at back end. This shot threw fire and dust 300 feet. The entry was rock-dusted. Had it not been, this shot would have caused a serious disaster. The shotfirers were slightly burned.





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### EXPLOSION AT LIGHTNING CREEK MINE NO. 2 ON MARCH 13, 1926.

No one was in the mine when this explosion occurred, as the shots were ignited by battery. The tippie and engine room were completely destroyed by the explosion.

(Investigated by Ernest Shaw.) A mine explosion which occurred at Lightning Creek Coal Company mine No. 2, near Cherokee, destroyed the tippie and engine room at 11:30 a. m. Saturday, March 13, 1926. An investigation was made Sunday morning by Ernest Shaw, deputy mine inspector. From the information obtained, there had been five shots fired, four by electric battery and one by fuse. About three minutes elapsed before the explosion occurred. The shaft had been recently sunk to a depth of 131 feet, and the entries had advanced 24 feet from the shaft bottom to each working face. All men were out of the mine when the shots went off, but immediately after the report from the shots men near the mouth of the shaft heard whistly sounds coming from the bottom of the shaft. These sounds continued for about three minutes. Then the shaft became a roaring furnace, shooting flames into the temporary tippie and engine room, both of which were completely destroyed by fire. The shaft cribbing was burned for a distance of 25 feet below the surface.

It is Mr. Shaw's opinion that one of the shots penetrated into the abandoned mine workings of what was known as the old Cuckoo mine, where a body of fire-damp had been sealed up under pressure for many years, and the escaping of this body through the crevices in the shattered coal seam caused by one of the shots, accounts for the whistling sounds coming from the shaft before the explosion occurred. And on account of the small developments which had been made underground the escaping fire-damp soon filled the mine workings to the surface, where it was ignited by a fire which was burning in a stove about 9 feet from the mouth of the shaft.

When I reached the mine, water had flooded the shaft to the height of 40 feet from the shaft bottom, and had yet showed pressure. When fire-damp is exploded under an increased pressure, not only is the temperature of the explosion raised but the explosive force is very much increased. The volume and intensity of the flame are important factors in maintaining the combustion of a body of gas. The larger the volume of flame, the greater is the amount of heat developed, which overcomes the cooling of the gases and extinction of the flame due to the lower temperature of the surface in contact with the gas. The pit boss, who is in charge, said this mine continued to explode fifteen to twenty times inside of ten or twelve minutes. Had this mine been fully developed, and had a miner tapped the old mine workings with a drill hole the results would have been terrible—all of which should convince the most skeptical that before a mine is opened near an abandoned sealed-up mine workings, the most feasible method of procedure would be to drill holes from the surface, the same to penetrate, or tap the abandoned mine workings and release the pressure as a safety measure. I also requested this shaft be roped off and danger signs posted, and that no smoking or open lights be permitted while the ventilating system was being installed, on account of extensive development in the upper seam or top vein, which is above the water level. This precaution is very important.

### EXPLOSION AT UTILITY COAL COMPANY, MAY 14, 1926.

Gas being lighted by an arc was the cause of this explosion. This explosion took the lives of four men, namely, James Jameson, Crockett Jameson, Hallie Jameson, and George Hollis, a visitor at the mine. This was the greatest disaster of the year, and in addition to resulting in four lost lives, the tippie was also destroyed.

(Investigated by Sherwood, Glennon, Shaw.) There was an explosion at a shaft at Cherokee, at about 1:30 p. m., May 14, 1926. This mine was known as the Cigarette mine and is located at the south limits of the city of Cherokee. At the time of the explosion two men were employed in the shaft, putting in



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a partition for a quarter shaft to install a fan-chamber in the east end of the shaft. This shaft has been sunk to the lower seam, which is a distance of about 136 feet from the surface, and as they started to develop a "run-around," the shaft had blown through to a mine known as the old Cuckoo mine. A great gush of air and gas came through as this shot was fired, and a very violent explosion followed, which burned the tibble and engine room. After this explosion, myself and Deputy Inspector Shaw had advised Tom Rogers, superintendent, to have no lights or anything that could cause an arc or a spark in this shaft until the air chamber was completed and the high-air-pressure fan installed. However, they had installed a pump, and began to pump the water, which had risen to a height of 40 feet in the shaft. Mr. Rogers, making numerous inspections with a safety lamp, found no trace of gas. Thinking there was no gas to be encountered he had pumped the water down to within 4 or 5 feet from the bottom. He started to put in this brattice to place a fan, or what we term as a quarter shaft, for ventilation. The men employed had no matches or lights and had proceeded down about 18 feet with brattice boards. One of them called to Mr. Rogers, advising him that he better shut off the pump as he believed it was on air, as it sounded. Mr. Rogers walked over to the switch, which was located about 15 feet from the mine, and the instant he pulled the switch a very violent explosion occurred, which took the lives of four men, namely, Hallie Jameson, Crockett Jameson, James Jameson, and George Hollis, a visitor at the mine.

Twenty minutes before this, Mr. Rogers had been down to the pump, which is located about 15 feet from the bottom, and made a test, and there was no gas present. Hallie Jameson and Crockett Jameson were working in the shaft, and their father, James Jameson, was working on top cutting and fitting the lumber for the brattice that they were fitting in the shaft. There was a local minister visiting on top of the mine, namely, George Hollis, when the explosion occurred. The two men who were working on the platform fell to the bottom of the shaft, and the temporary tibble, which consisted of some 4 by 4 uprights they had used to lower the pumps, was blown down by the force of the explosion, the timbers falling on the two men on top. Each receiving a broken neck. Mr. Jameson was killed instantly, while Mr. Hollis lived for a few hours and was conscious and told the story that one of the Jameson boys in the mine shouted for help, saying he "could not hold on much longer."

Mr. Rogers went down and recovered the body of one of the Jameson boys and came up badly affected from the after-damp. At about this time the rescue truck from Pittsburg arrived and deputy inspector Glennon went down the shaft on the buntons to recover the other body. He stated there was about 3 feet of water on the bottom when he went down, which was about 4 inches below the top of the coal seam. He searched around, not being familiar with the mine, in the dark, and he could not find the body. Then a young man from the Cuckoo mine, William Barnard, went down and found the body, which they hoisted up to the surface.

I, James Sherwood, was not present at the time of the explosion, as I had been attending a meeting of the Mine Inspectors' Institute at Pittsburgh, Pa., but was on my way home when this accident occurred. I arrived at the office about 8 o'clock Saturday morning, the 15th, and immediately went to the mine. There were numerous wild rumors about the cause of the explosion. The shaft was roped off and a guard placed to allow no persons near it. I again returned to the mine Monday morning and made a test for gas, and found there was none present. I examined the connections from the cable to the pump and found that they were tight and well insulated with motor tape, being well wrapped and in good condition. The motor of the pump was in good condition, as far as I could see. Mr. Bash, general manager, had recently purchased this motor from the Atkinson Electric Company, paying considerably more for it than he could have purchased an ordinary A. C. motor for, as the Atkinson Electric Company informed him that it would be impossible for this motor to ignite gas as it was an induction-wound motor with

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no bare parts, such as commutators, rings or brushes. But it is my opinion that a spark came from some part of this motor when the power was shut off. The instant the switch was pulled the gas was ignited. This motor does not bear the approval of the Bureau of Mines, as the only motors which they put their seal on are those that are inclosed in an air-tight casing. The spark must have come from the motor, as there were no lights of any kind in the mine that could have caused a spark. The mistake was made in allowing the men to work in the shaft, building the partition, while this pump was in operation. Had they left the pump standing until this partition was completed and the high-air-pressure fan installed, this accident would have been prevented, as this high-pressure fan no doubt would have taken care of any gas that might have come through from the old workings of the Cuckoo mine.

#### EXPLOSION AT LITCHFIELD COAL COMPANY MAY 24, 1926.

William Mulholland lost his life in this explosion, which was caused by an ignition of powder in what is called a "hot hole."

(Investigated by James Sherwood.) I, this day, made an investigation of an accident to William Mulholland and C. A. Carpenter, who were burned by a premature blast at the Litchfield Coal Company, steam shovel, on May 24, 1926, at about 3:45 p. m. They were drilling and shooting the high wall behind the shovel. The hole they drilled was 28 feet deep and had been sprung with 10 sticks of 60 per cent dynamite, and after springing the hole they poured in 7 kegs of black powder and had 3 more opened ready to pour in the hole when the powder in the hole was ignited and went off, setting off the 3 kegs that were near. Those 3 kegs of powder were the cause of these two men being burned. This premature blast must have been caused by a "hot hole," as the nearest engine was 900 feet. William Mulholland died shortly after being taken to the hospital. He was married and his family lives in Mulberry, Kan. I went to Mulberry to see Mr. Carpenter, but he was asleep and in no condition to be spoken to.

This drilling and shooting of the high wall was contracted by Carpenter and he also drilled and shot for another company, and was never there when I made my visits to this mine. He had also been using fuse to fire his shots, which is contrary to my orders. Thomas Miller, boss, said one of the drillers told him in the forenoon that those men would be "blown up" as they were in too big a hurry and firing the shots and loading too soon after they were sprung. These holes are called "hot holes."

I recommended a wooden hopper be made that would hold the charge, with a cover on it, and a trap in the bottom that could be opened when the shooter was back at least 25 feet.

#### EXPLOSION AT CENTRAL COAL AND COKE COMPANY MINE No. 45, OCTOBER 26, 1926.

This was a local explosion doing no damage.

(Investigated by William Glennon.) I made an investigation of an explosion that occurred at mine No. 45 Central, mine located in Ringo, on the night of October 26, 1926. Alex McAllister and his son, Joe McAllister, are the shotfirers. Joe McAllister was firing the shots in this part of the mine. He had lit the shots in the panel entry and one place in the second south off the panel entry and had gone up into the first south and had lit the shots in one room in the first south, when the explosion occurred. He was found and brought out by his father, Alex McAllister.

On investigation, we found that in the fifth room in the panel outside of the second south there was heavy coking on the timber each way from this room. The panel entry is running east and west, and from this room to the east the coking was on the east side of the timber and one prop in the gob on the edge of the brushing was burned. Some of the wreckage from the ex-





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plosion was cleaned up, but there were several tool boxes torn up, and in the fourth south three pit cars had been blown off the end of the rails and one car turned on its side. This entry was in fairly good condition at the time of the explosion. The coal is hard to shoot as it appears to be taking weight by the roof settling and this condition makes it hard to shoot. We also explored the old works in this section and found them clear of gas.



11-6163



PUBLIC SERVICE COMMISSION  
STATE OF KANSAS

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ANNUAL REPORT of  
**COAL MINE INSPECTION**  
and MINE RESCUE DEPARTMENTS



1927

JAMES SHERWOOD  
*Chief Mine Inspector*

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PRINTED BY KANSAS STATE PRINTING PLANT  
B. P. WALKER, STATE PRINTER  
TOPEKA 1928  
12-2563





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**PART ONE.**

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**REPORT OF COAL-MINE INSPECTION  
DEPARTMENT.**

(5)





### ACKNOWLEDGMENTS.

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In presenting this report to the public I desire to take this opportunity to express my sincere thanks and appreciation to all those who have in any way assisted me in the performance of the duties of this office.

Acknowledgments are especially due to the deputy mine inspectors, William Glennon, Ernest Shaw, W. J. Miller and W. F. McGavran, for the efficiency which they displayed in the discharge of the difficult and complicated duties devolving upon them, and for their untiring efforts in the enforcement of the mining laws of the state.

JAMES SHERWOOD,  
*State Mine Inspector.*

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### LETTER OF TRANSMITTAL.

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PITTSBURG, KAN., March 2, 1928.

*Mr. R. M. Pickler, Chairman,  
Public Service Commission, Topeka, Kan.:*

DEAR SIR—I have the honor to submit herewith to you, and through you to the Hon. Ben S. Paulen, governor of the state of Kansas, and to the honorable legislature, report of the Coal-mine Inspection Department of the state for the calendar year ending December 31, 1927.

Respectfully submitted,  
JAMES SHERWOOD,  
*State Mine Inspector.*

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### LETTER OF TRANSMITTAL.

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TOPEKA, KAN., March 2, 1928.

*To the Honorable Ben S. Paulen, Governor, and the Legislature  
of the State of Kansas:*

I have the honor to submit to you herewith report of James Sherwood, state mine inspector, in charge of the Mine Inspection and Mine Rescue Departments, for the calendar year ending December 31, 1927, containing statistics and other information deemed valuable to the mining industry.

Very respectfully,  
R. M. PICKLER,  
*Chairman, Public Service Commission.*





### PERSONNEL OF COAL-MINE INSPECTION DEPARTMENT, STATE OF KANSAS.

*Chief Mine Inspector,  
In Charge of Mine Inspection Department.*

JAMES SHERWOOD ..... Pittsburg.

*Deputy Mine Inspectors.*

WILLIAM GLENNON ..... Pittsburg.

W. F. MCGAVRAN ..... Arma.

ERNEST SHAW ..... Weir City.

W. J. MILLER ..... Burlingame.

*Clerk.*

GEORGE J. GRUBER ..... Frontenac.

*Stenographer.*

ELIZABETH A. KOTZMAN ..... Frontenac.

### EXPENDITURES DURING THE YEAR 1927.

#### MINE INSPECTION AND MINE RESCUE DEPARTMENTS FOR THE CALENDAR YEAR ENDING DECEMBER 31, 1927.

|  |            |
|--|------------|
| Fund No. 11. Salary of chief mine inspector.....                   | \$2,700.00 |
| Fund No. 12. Salary of four deputy mine inspectors.....            | 7,200.00   |
| Fund No. 13. Salary of two rescue superintendents.....             | 3,600.00   |
| Fund No. 14. Salary of clerk in mine inspection office.....        | 1,200.00   |
| Fund No. 9. Salary of stenographer in mine inspection office.....  | 1,200.00   |
| Rescue stations equipment .....                                    | 868.38     |
| Expenses of chief mine inspector and deputy mine inspectors....    | 3,609.79   |
| Incidental and traveling expenses of two rescue superintendents... | 881.96     |
| Incidental and traveling expenses of clerk.....                    | 302.50     |

Total salaries and expenses of Mine Inspection and Mine Rescue Departments  
for the year 1927 ..... \$21,062.63

### Report of Coal-Mine Inspection Department.

#### INTRODUCTORY.

The total coal production for the mines of the state of Kansas for the calendar year 1927 was 3,585,764 tons, which is a decrease of 977,191 tons of coal compared with the production of the previous year.

The Kansas mines employed a total of 7,073 men, of which 4,740 were classified as miners, 1,109 underground day men and 1,224 top men. The number of men working in Kansas mines has shown a decrease of 957. The number of days worked for the year 1927 also showed a decrease of 5.6. The average number of days worked during the year 1927 was 139.

The coal production of Kansas mines has been gradually on the decrease for the last three years. The condition is probably attributable to uncertain markets and also wage controversies, which accounted for six months' strike between April 1 to October 1 of 1927. A few of the mines obtained special agreement to operate under the Jacksonville agreement and resumed operations during this time.

There were ten fatalities in Kansas mines in 1927, which means that there was a fatality for every 707 men employed or for every 358,576 tons of coal mined. This is a very good average, considering the conditions under which the miners work. Loose rock is especially hard to hold when mines are not working steadily and the men work only from two to three days a week and they are usually in a hurry to get out all the coal they can. However, the fatalities of 1927 shows a decrease of six compared to 1926.

There were 239 nonfatal accidents for the year 1927. This is a decrease of 236 compared to the previous year. There was a nonfatal accident for every 22 men employed or for every 15,003 tons of coal mined.

#### CRAWFORD COUNTY DEEP MINES.

Crawford county ranks first in the matter of coal production of the state of Kansas. There were 85 shaft, slope and drift mines in operation in the county for 1927. Coal production for deep mines of this county was 1,570,305 tons, or 754,803 tons less than mined in 1926. The deep mines of this county worked an average of 137 days and employed 4,443 men, or 62.82 per cent of the Kansas miners. There were seven fatalities in the deep mines of this county and 219 nonfatal accidents. This is a decrease of 2 fatal and 240 nonfatal accidents compared to the year of 1926. These mines consumed 123,570 twenty-five-pound kegs of powder and 577,724 pounds of dynamite. The average height of coal is about 2 feet 10 inches, with an average overburden of 82 feet.

#### CRAWFORD COUNTY STRIP MINES.

In addition to deep-mine tonnage for Crawford county, there was 547,626 tons of coal mined by stripping operations. This is a decrease of 23,454 tons compared to the previous year. Twenty-four strip mines were in operation during 1927, giving employment to 468 men. These strip mines consumed





5,682 twenty-five-pound kegs of powder and 45,600 pounds of dynamite. The average height of coal was 1 foot 10 inches, with an average overburden of 16 feet. There were two fatal accidents during the year in strip mines of this county and one nonfatal accident. The strip mines worked an average of 117 days during the year 1927.

CHEROKEE COUNTY DEEP MINES.

Cherokee county ranks second in the class of coal production for the year 1927. Sixty-eight mines produced 369,105 tons of coal, a decrease of 60,657 to that of 1926. These mines consumed 32,036 twenty-pound kegs of powder and 74,785 pounds of dynamite for the year 1927. There were no fatal accidents in these mines and only eight nonfatal accidents, or one nonfatal accident for every 46,138 tons of coal mined during 1927.

CHEROKEE COUNTY STRIP MINES.

Fifteen strip mines in Cherokee county, employing 248 men, produced 543,012 tons of coal for the year 1927. This is a decrease of 116,262 tons compared to the previous year. There is also a decrease of 193 men employed to that of 1926. These strip mines consumed 4,709 twenty-five-pound kegs of powder and 27,640 pounds of dynamite for the year 1927. No fatal accidents occurred in strip mines of Cherokee county and only 10 nonfatal accidents were reported for the year 1927, or one nonfatal accident for every 54,301 tons of coal mined, and one nonfatal accident for every 25 men employed for the year 1927. The average height of coal was 2 feet 7 inches, with an average overburden of 15 feet. The average number of days worked was 104 for strip mines in this county.

LEAVENWORTH COUNTY MINES.

The Kansas State Prison mine and the Home Riverside Coal Mines Company were the only two producers in this county. These two mines produced 101,827 tons of coal for the year 1927, or a slight decrease compared to 1926. These mines employed 530 men, or an increase of 70 men compared to the previous year. There were no accidents in these two mines during 1927. There are no explosives used for the extraction of coal in this county. The coal averages 1 foot 10 inches, with an average overburden of 720 feet.

OSAGE COUNTY MINES.

There were 22 mines operating in Osage county, which produced 86,768 tons of coal for the year 1927. This is a very slight decrease compared to the production in 1926. Osage county mines employed 415 men during 1927. There were no accidents in the mines of this county. Dynamite was the only explosive used for the extraction of coal in this county, which was 8,860 pounds. The coal averages 1 foot 6 inches, with an average overburden of 88 feet. The mines of this county worked an average of 121 days for the year 1927.

LINN COUNTY MINES.

Eleven mines in Linn county reported a production of 83,218 tons of coal for the year 1927. This is a decrease of 20,398 tons compared with the year of 1926. The mines of this county employed 147 men, or a slight increase compared to 1926. There was one fatal and one nonfatal accident in Linn county mines. It is very unusual for the mines of this county to have a fatal



### *Mine Inspection Department.*

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accident, this being the first in several years. These mines worked an average of 150 days. The coal will average 2 feet 9 inches, with an average overburden of 72 feet.

#### BOURBON COUNTY MINES.

The production for the mines of Bourbon county for the year 1927 was 27,213 tons of coal. There were eight mines producing coal, giving employment to sixty men. The explosives used by mines of this county were 2,605 twenty-five-pound kegs of powder and 132 pounds of dynamite. There were no accidents for mines of this county. There was an average of 105 days worked during 1927. The coal will average about 1 foot 6 inches, with an average overburden of 18 feet.

#### NEOSHO AND FRANKLIN COUNTY MINES.

Neosho county coal mines produced approximately 4,535 tons, while mines of Franklin county was estimated to have produced 2,155 tons. These mines do not report to the Mine Inspection Department, and for this reason it is necessary to estimate the production. These mines supply local trade for their respective counties, working only during the spring and winter months. Most of them are stripping or drift operations.

#### MISCELLANEOUS MINES.

In this item is included an estimated amount of coal produced in mines of all counties that do not report to this department. There are many mines in Cherokee and Crawford counties that change hands so many times that it is hard to keep an accurate account of them. At about the time quarterly reports are due the mines have changed hands and the former operator has gone, leaving no report as to production, etc. This is a condition that exists among the smaller mines. There is also a number of mines operating in and around Bourbon and Neosho counties which supply local trade in winter months that do not report their production to this department.



### RECORD OF INSPECTIONS.

TOTAL NUMBER OF INSPECTIONS AND INVESTIGATIONS AND MILES TRAVELED  
BY ALL INSPECTORS DURING THE YEAR 1927.

| NAME OF INSPECTOR.   | Accident. | Scale. | Special. | General. | Total. | Miles traveled. |
|----------------------|-----------|--------|----------|----------|--------|-----------------|
| James Sherwood.....  | 9         | 9      | 122      | 25       | 165    | 5,633           |
| William Glennon..... | 20        | 21     | 152      | 24       | 217    | 3,602           |
| W. F. McGavran.....  | 0         | 20     | 90       | 64       | 174    | 4,712           |
| Ernest Shaw.....     | 6         | 17     | 114      | 86       | 223    | 3,783           |
| W. J. Miller.....    | 0         | 19     | 78       | 109      | 206    | 5,466           |
| Totals.....          | 35        | 86     | 556      | 308      | 985    | 23,196          |

TOTAL NUMBER OF INSPECTIONS AND INVESTIGATIONS AND MILES TRAVELED  
BY MONTHS DURING THE YEAR 1927.

| MONTH.         | Accident. | Scale. | Special. | General. | Total. | Miles traveled. |
|----------------|-----------|--------|----------|----------|--------|-----------------|
| January.....   | 4         | 8      | 64       | 22       | 98     | 2,002           |
| February.....  | 4         | 11     | 46       | 15       | 76     | 1,632½          |
| March.....     | 6         | 9      | 58       | 25       | 98     | 2,302           |
| April.....     | 0         | 2      | 35       | 17       | 54     | 1,763           |
| May.....       | 0         | 1      | 31       | 16       | 48     | 1,580           |
| June.....      | 2         | 0      | 40       | 21       | 63     | 1,593½          |
| July.....      | 4         | 0      | 46       | 29       | 79     | 1,770½          |
| August.....    | 2         | 15     | 38       | 31       | 86     | 1,950           |
| September..... | 8         | 9      | 51       | 36       | 104    | 2,508           |
| October.....   | 3         | 20     | 49       | 22       | 94     | 1,777           |
| November.....  | 1         | 6      | 52       | 38       | 97     | 1,944           |
| December.....  | 1         | 5      | 46       | 36       | 88     | 2,373½          |
| Totals.....    | 35        | 86     | 556      | 308      | 985    | 23,196          |



### Mine Inspection Department.

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#### MINE INSPECTIONS AND INVESTIGATIONS.

Made by the State Mine Inspector James Sherwood during the month of January, 1927.

| No.                       | Date.  | NAME OF COMPANY.                 | Mine No. | Nature of inspection. | Miles traveled. |
|---------------------------|--------|----------------------------------|----------|-----------------------|-----------------|
| 1                         | Jan. 3 | Mummert Coal Co. ....            |          | Special.....          | 60              |
| 2                         | 3      | Ward & Payne Coal Co. ....       |          | Special.....          |                 |
| 3                         | 4      | Lone Star Coal Co. ....          |          | Special.....          |                 |
| 4                         | 5      | Moberly Bros. Coal Co. ....      |          | Special.....          | 10              |
| 5                         | 14     | Clemens Coal Co. ....            | 19       | Accident.....         | 60              |
| 6                         | 15     | Jones Coal Co. ....              |          | Special.....          | 40              |
| 7                         | 17     | Western Coal & Mining Co. ....   | 22       | Special.....          | 60              |
| 8                         | 17     | Steam & Domestic Coal Co. ....   |          | Accident.....         | 28              |
| 9                         | 18     | Western Coal & Mining Co. ....   | 22       | General.....          | 40              |
| 10                        | 19     | Sheridan Coal Co. ....           | 14       | Special.....          | 28              |
| 11                        | 20     | Clemens Coal Co. ....            | 17       | Special.....          | 30              |
| 12                        | 22     | Wilbert-Schreeb Coal Co. ....    | 4        | Special.....          | 30              |
| 13                        | 24     | Drywood Coal Co. ....            |          | Special.....          | 9               |
| 14                        | 26     | Four Coal Co. ....               |          | General.....          | 65              |
| 15                        | 27     | Westerlin-Mishmash Coal Co. .... |          | Scale.....            | 8               |
| 16                        | 29     | Broadhurst Coal Co. ....         |          | Scale.....            | 10              |
| 17                        | 31     | Central Coal & Coke Co. ....     | 51       | Scale.....            | 4               |
| 18                        | 31     | Westerlin-Mishmash Coal Co. .... |          | Scale.....            | 40              |
| Total miles traveled..... |        |                                  |          |                       | 10              |

|   |    |
|---|----|
| Total number of accidents investigated..... | 2  |
| Total number of special inspections.....    | 11 |
| Total number of general inspections.....    | 2  |
| Total number of scale inspections.....      | 3  |
| Total inspections and investigations.....   | 18 |

#### MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, February, 1927.

| No.                       | Date.  | NAME OF COMPANY.                   | Mine No. | Nature of inspection. | Miles traveled. |
|---------------------------|--------|------------------------------------|----------|-----------------------|-----------------|
| 1                         | Feb. 1 | French Coal Co. ....               |          | Special.....          | 18              |
| 2                         | 2      | North Coal Co. ....                |          | General.....          | 42              |
| 3                         | 4      | Ward & Pigeon Coal Co. ....        |          | Special.....          | 32              |
| 4                         | 4      | Woodman-Vincent Coal Co. ....      |          | Special.....          | 31              |
| 5                         | 7      | Prairie Coal Co. ....              |          | Special.....          | 60              |
| 6                         | 14     | Westerlin & Mishmash Coal Co. .... |          | Special.....          | 10              |
| 7                         | 17     | Castigno Coal Co. ....             |          | Scale.....            | 11              |
| 8                         | 18     | M. & C. Coal Co. ....              |          | Special.....          | 12              |
| 9                         | 21     | Broadhurst Coal Co. ....           |          | Special.....          | 6               |
| 10                        | 22     | Ridge Coal Co. ....                |          | Special.....          | 40              |
| 11                        | 23     | Castigno Coal Co. ....             |          | Scale.....            | 11              |
| 12                        | 24     | D. & W. Coal Co. ....              |          | Accident.....         | 16              |
| 13                        | 25     | Drywood Coal Co. ....              |          | Special.....          | 65              |
| Total miles traveled..... |        |                                    |          |                       | 354             |

|   |    |
|---|----|
| Total number of accidents investigated..... | 1  |
| Total number of special inspections.....    | 9  |
| Total number of general inspections.....    | 1  |
| Total number of scale inspections.....      | 2  |
| Total inspections and investigations.....   | 13 |



MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, March, 1927.

| No.                        | Date.  | NAME OF COMPANY.                      | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|--------|---------------------------------------|----------|-----------------------|-----------------|
| 1                          | Mar. 2 | Standard Coal Co. ....                |          | Special. ....         | 20              |
| 2                          | 4      | Manfrey Coal Co. ....                 |          | Special. ....         | 4               |
| 3                          | 5      | Manley Coal Co. ....                  |          | Special. ....         | 4               |
| 4                          | 7      | Davis Coal Co. ....                   |          | Special. ....         | 14              |
| 5                          | 8      | Southeast Coal Co. ....               |          | Special. ....         | 60              |
| 6                          | 10     | Newman Coal Co. ....                  | 2        | General. ....         | 24              |
| 7                          | 11     | Jackson-Walker Coal & Mining Co. .... | 16       | Special. ....         | 18              |
| 8                          | 14     | Four Coal Co. ....                    |          | Special. ....         | 8               |
| 9                          | 15     | Litchfield Coal Co. ....              |          | Special. ....         | 24              |
| 10                         | 18     | Hamilton Coal & Merc. Co. ....        | 9        | Special. ....         | 20              |
| 11                         | 22     | Crowe Coal Co. ....                   | 15       | Special. ....         | 30              |
| 12                         | 23     | Republic Coal Co. ....                |          | Special. ....         | 29              |
| 13                         | 24     | Wilson Coal Co. ....                  |          | Special. ....         | 65              |
| 14                         | 24     | Wolfe, Linthicum & Strable. ....      |          | Special. ....         |                 |
| 15                         | 26     | Chapon & Westerlin Coal Co. ....      |          | Special. ....         | 10              |
| Total miles traveled. .... |        |                                       |          |                       | 330             |

|  |    |
|--|----|
| Total number of accidents investigated. .... | 0  |
| Total number of special inspections. ....    | 14 |
| Total number of general inspections. ....    | 1  |
| Total number of scale inspections. ....      | 0  |
| Total inspections and investigations. ....   | 15 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, April, 1927.

| No.                        | Date.   | NAME OF COMPANY.       | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|---------|------------------------|----------|-----------------------|-----------------|
| 1                          | Apr. 21 | K. & P. Coal Co. ....  |          | Special. ....         | 356             |
| 2                          | 21      | Sunshine Coal Co. .... |          | Special. ....         |                 |
| 3                          | 22      | Lincoln Coal Co. ....  |          | Special. ....         |                 |
| Total miles traveled. .... |         |                        |          |                       | 356             |

|  |   |
|--|---|
| Total number of accidents investigated. .... | 0 |
| Total number of special inspections. ....    | 3 |
| Total number of general inspections. ....    | 0 |
| Total number of scale inspections. ....      | 0 |
| Total inspections and investigations. ....   | 3 |

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MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, May, 1927.

| No.                       | Date.  | NAME OF COMPANY.              | Mine No. | Nature of inspection. | Miles traveled. |
|---------------------------|--------|-------------------------------|----------|-----------------------|-----------------|
| 1                         | May 19 | Englevale Coal Co. ....       | 5        | Special.....          | 50              |
| 2                         | 23     | Drywood Coal Co. ....         |          | Special.....          | 65              |
| 3                         | 25     | Woodman-Vincent Coal Co. .... |          | Special.....          | 31              |
| 4                         | 26     | Black Diamond Coal Co. ....   |          | Special.....          | 200             |
| Total miles traveled..... |        |                               |          |                       | 346             |

|   |   |
|---|---|
| Total number of accidents investigated..... | 0 |
| Total number of special inspections.....    | 4 |
| Total number of general inspections.....    | 0 |
| Total number of scale inspections.....      | 0 |
| Total inspections and investigations.....   | 4 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, June, 1927.

| No.                       | Date.   | NAME OF COMPANY.        | Mine No. | Nature of inspection. | Miles traveled. |
|---------------------------|---------|-------------------------|----------|-----------------------|-----------------|
| 1                         | June 20 | Ridge Coal Co. ....     |          | Special.....          | 40              |
| 2                         | 20      | Gross "C" Coal Co. .... |          | Special.....          |                 |
| 3                         | 21      | Republic Coal Co. ....  |          | Special.....          | 29              |
| 4                         | 22      | West Side Coal Co. .... |          | Special.....          | 10              |
| 5                         | 23      | Gross "C" Coal Co. .... |          | Special.....          | 40              |
| 6                         | 24      | Gross "C" Coal Co. .... |          | Special.....          | 40              |
| Total miles traveled..... |         |                         |          |                       | 159             |

|   |   |
|---|---|
| Total number of accidents investigated..... | 0 |
| Total number of special inspections.....    | 6 |
| Total number of general inspections.....    | 0 |
| Total number of scale inspections.....      | 0 |
| Total inspections and investigations.....   | 6 |





MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, July, 1927.

| No.                  | Date.  | NAME OF COMPANY.          | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------|--------|---------------------------|----------|-----------------------|-----------------|
| 1                    | July 1 | Drywood Coal Co.          |          | Special               | 65              |
| 2                    | 2      | Sheridan Coal Co.         | 14       | Special               | 30              |
| 3                    | 5      | Wide Awake Coal Co.       |          | Special               | 40              |
| 4                    | 8      | Pittsburg Coal Co.        |          | Special               | 26              |
| 5                    | 11     | Jones Coal Co.            |          | Special               | 80              |
| 6                    | 11     | Patton Coal & Mining Co.  | 5        | Special               | 40              |
| 7                    | 12     | D. L. & S. Coal Co.       |          | Special               |                 |
| 8                    | 12     | Brown Bros. Coal Co.      |          | Special               | 48              |
| 9                    | 12     | Kuhn Coal Co.             |          | Special               |                 |
| 10                   | 13     | Hill Side Coal Co.        |          | Special               | 28              |
| 11                   | 14     | Western Coal & Mining Co. | 21       | Special               | 40              |
| 12                   | 19     | Sheridan Coal Co.         | 12       | Special               | 35              |
| 13                   | 19     | Spencer Coal Co.          |          | Special               | 35              |
| 14                   | 20     | Black Diamond Coal Co.    |          | Special               | 9               |
| 15                   | 21     | Sheridan Coal Co.         | 18       | Special               | 24              |
| 16                   | 25     | Lincoln Coal Co.          |          | General               |                 |
| 17                   | 25     | Sunflower Coal Co.        |          | General               | 144             |
| 18                   | 26     | Doubleday Coal Co.        | 2        | Accident              | 50              |
| 19                   | 27     | McCune Coal Co.           |          | General               | 60              |
| Total miles traveled |        |                           |          |                       | 754             |

|  |    |
|--|----|
| Total number of accidents investigated | 1  |
| Total number of special inspections    | 15 |
| Total number of general inspections    | 3  |
| Total number of scale inspections      | 0  |
| Total inspections and investigations   | 19 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, August, 1927.

| No.                  | Date.  | NAME OF COMPANY.           | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------|--------|----------------------------|----------|-----------------------|-----------------|
| 1                    | Aug. 1 | Radley Coal Co.            | 7        | General               | 18              |
| 2                    | 2      | Radley Coal Co.            | 7        | Scale                 | 18              |
| 3                    | 4      | Katy Coal Co.              | 2        | Scale                 | 15              |
| 4                    | 5      | Wilson & Mutch Coal Co.    |          | Special               | 30              |
| 5                    | 10     | Pittsburg Coal Co.         |          | General               | 26              |
| 6                    | 13     | Base Line Coal Co.         | 9        | Special               | 20              |
| 7                    | 15     | Engleval Coal Co.          | 5        | Special               | 50              |
| 8                    | 16     | Gladieux & Denham Coal Co. |          | General               | 36              |
| 9                    | 17     | Lawyer Coal Co.            |          | Special               | 110             |
| 10                   | 18     | Western Coal & Mining Co.  | 24       | Special               | 20              |
| 11                   | 31     | Newman Coal Co.            |          | Special               |                 |
| 12                   | 31     | Kruger Coal Co.            |          | Special               | 55              |
| 13                   | 31     | Pittsburg Coal Co.         |          | Special               |                 |
| Total miles traveled |        |                            |          |                       | 398             |

|  |    |
|--|----|
| Total number of accidents investigated | 0  |
| Total number of special inspections    | 8  |
| Total number of general inspections    | 3  |
| Total number of scale inspections      | 2  |
| Total inspections and investigations   | 13 |

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#### MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, September, 1927.

| No.                  | Date.   | NAME OF COMPANY.         | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------|---------|--------------------------|----------|-----------------------|-----------------|
| 1                    | Sept. 1 | Ryan & Reidy Coal Co.    |          | Special               | 22              |
| 2                    | 1       | Black Diamond Coal Co.   |          | Special               | 10              |
| 3                    | 2       | Cowan Coal Co.           |          | Special               | 40              |
| 4                    | 2       | Geo. T. McGrath Coal Co. |          | Special               | 15              |
| 5                    | 3       | Sunflower Coal Co.       |          | Special               | 140             |
| 6                    | 12      | Katy Coal Co.            | 2        | Special               | 15              |
| 7                    | 14      | Englevale Coal Co.       | 5        | Special               | 50              |
| 8                    | 16      | Sunshine Coal Co.        |          | Special               | 8               |
| 9                    | 16      | West Side Coal Co.       |          | Special               | 24              |
| 10                   | 17      | Sheridan Coal Co.        | 18       | Special               | 35              |
| 11                   | 19      | Sheridan Coal Co.        | 12       | Special               | 15              |
| 12                   | 20      | Vulcan Coal Co.          |          | Accident              | 18              |
| 13                   | 22      | Lone Star Coal Co.       |          | Accident              | 44              |
| 14                   | 23      | Sheridan Coal Co.        | 16       | General               | 24              |
| 15                   | 26      | Sheridan Coal Co.        | 18       | General               | 24              |
| 16                   | 27      | Sheridan Coal Co.        | 18       | General               | 35              |
| 17                   | 29      | Sheridan Coal Co.        | 12       | General               | 31              |
| 18                   | 30      | Woodman-Vincent Coal Co. |          | General               | 31              |
| Total miles traveled |         |                          |          |                       | 535             |

|  |    |
|--|----|
| Total number of accidents investigated | 2  |
| Total number of special inspections    | 12 |
| Total number of general inspections    | 4  |
| Total number of scale inspections      | 0  |
| Total inspections and investigations   | 18 |

#### MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, October, 1927.

| No.                  | Date.  | NAME OF COMPANY.          | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------|--------|---------------------------|----------|-----------------------|-----------------|
| 1                    | Oct. 1 | Dunkirk Coal Co.          |          | General               | 65              |
| 2                    | 1      | Woodman-Vincent Coal Co.  |          | Special               | 26              |
| 3                    | 3      | Pittsburg Coal Co.        |          | Special               | 40              |
| 4                    | 4      | Loop Coal Co.             |          | Special               | 4               |
| 5                    | 6      | Wilbert-Schreeb Coal Co.  |          | Special               | 10              |
| 6                    | 7      | Chapon-Westerlin Coal Co. |          | Special               | 30              |
| 7                    | 8      | Central Coal & Coke Co.   | 50       | Accident              | 12              |
| 8                    | 10     | James Coal Co.            |          | Accident              | 20              |
| 9                    | 11     | Hamilton Coal & Merc. Co. | 9        | General               | 50              |
| 10                   | 12     | Englevale Coal Co.        | 5        | Special               | 140             |
| 11                   | 15     | Sunflower Coal Co.        |          | Special               | 19              |
| 12                   | 17     | Mitchell Coal Co.         |          | Special               | 15              |
| 13                   | 21     | Vulcan Coal Co.           |          | Special               | 12              |
| 14                   | 21     | Three Coal Co.            | 4        | Special               | 10              |
| 15                   | 21     | Three Coal Co.            | 3        | Special               | 4               |
| 16                   | 26     | Chapon-Westerlin Coal Co. |          | General               | 40              |
| 17                   | 27     | Wilbert-Schreeb Coal Co.  |          | Accident              | 40              |
| 18                   | 28     | Central Coal & Coke Co.   | 51       | Scale                 | 35              |
| 19                   | 29     | Ridge Coal Co.            |          | Scale                 | 35              |
| 20                   | 31     | Sheridan Coal Co.         | 12       | General               | 35              |
| Total miles traveled |        |                           |          |                       | 572             |

|  |    |
|--|----|
| Total number of accidents investigated | 3  |
| Total number of special inspections    | 11 |
| Total number of general inspections    | 4  |
| Total number of scale inspections      | 2  |
| Total inspections and investigations   | 20 |



MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, November, 1927.

| No.  | Date.  | NAME OF COMPANY.                      | Mine No. | Nature of inspection. | Miles traveled. |
|--|--------|---------------------------------------|----------|-----------------------|-----------------|
| 1  | Nov. 2 | Jackson-Walker Coal & Mining Co. .... | 17       | Special .....         | 15              |
| 2  | 2      | Republic Coal Co. ....                |          | Special .....         | 30              |
| 3  | 3      | Jackson-Walker Coal & Mining Co. .... | 17       | Special .....         | 15              |
| 4  | 4      | Mitchell Coal Co. ....                |          | Special .....         | 19              |
| 5  | 7      | Western Coal & Mining Co. ....        | 22       | Special .....         | 28              |
| 6  | 8      | Patton Coal & Mining Co. ....         | 5        | Special .....         | 40              |
| 7  | 9      | Kelly-Carter Coal Co. ....            |          | Special .....         | 36              |
| 8  | 10     | Republic Coal Co. ....                |          | Special .....         | 29              |
| 9  | 12     | Pittsburg Coal Co. ....               |          | General .....         | 26              |
| 10   | 16     | Dobking & Mulligan Coal Co. ....      |          | General .....         | 10              |
| 11   | 21     | Newland-Hayne Coal Co. ....           |          | Special .....         | 12              |
| 12   | 25     | Mitchell Coal Co. ....                |          | Special .....         | 19              |
| 13   | 28     | Western Coal & Mining Co. ....        | 24       | General .....         | 20              |
| 14   | 29     | Moore Coal Co. ....                   |          | General .....         | 14              |
| 15   | 30     | Drywood Coal Co. ....                 |          | Special .....         | 65              |
| Total miles traveled .....                   |        |                                       |          |                       | 378             |
| Total number of accidents investigated ..... |        |                                       |          |                       | 0               |
| Total number of special inspections .....    |        |                                       |          |                       | 11              |
| Total number of general inspections .....    |        |                                       |          |                       | 4               |
| Total number of scale inspections .....      |        |                                       |          |                       | 0               |
| Total inspections and investigations .....   |        |                                       |          |                       | 15              |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, December, 1927.

| No.  | Date.  | NAME OF COMPANY.               | Mine No. | Nature of inspection. | Miles traveled. |
|--|--------|--------------------------------|----------|-----------------------|-----------------|
| 1  | Dec. 1 | Newman Coal Co. ....           |          | General .....         | 24              |
| 2  | 2      | Drywood Coal Co. ....          |          | Special .....         | 65              |
| 3  | 2      | Moberley & Short Coal Co. .... |          | General .....         |                 |
| 4  | 5      | State Penitentiary Mine .....  |          | General .....         | 328             |
| 5  | 7      | Girard Coal Co. ....           |          | Special .....         | 28              |
| 6  | 8      | Hillside Coal Co. ....         |          | Special .....         | 28              |
| 7  | 9      | Clemens Coal Co. ....          | 17       | Special .....         | 30              |
| 8  | 10     | Clemens Coal Co. ....          | 17       | Special .....         | 30              |
| 9  | 12     | Last Chance Coal Co. ....      |          | Special .....         | 40              |
| 10   | 13     | Englevale Coal Co. ....        | 5        | Special .....         | 50              |
| 11   | 14     | Pittsburg Coal Co. ....        |          | Special .....         | 26              |
| 12   | 15     | Walker Coal Co. ....           |          | Special .....         | 8               |
| 13   | 16     | Commercial Coal Co. ....       |          | Special .....         | 9               |
| 14   | 17     | Base Line Coal Co. ....        | 9        | Special .....         | 20              |
| 15   | 19     | Drywood Coal Co. ....          |          | Special .....         | 65              |
| 16   | 20     | Base Line Coal Co. ....        | 9        | Special .....         | 20              |
| 17   | 21     | Western Coal & Mining Co. .... | 2        | Special .....         | 20              |
| 18   | 22     | Mitchell Coal Co. ....         |          | Special .....         | 19              |
| 19   | 27     | Republic Coal Co. ....         |          | Special .....         | 29              |
| 20   | 28     | Moberley & Short Coal Co. .... |          | Special .....         | 48              |
| 21   | 30     | Peerless Coal Co. ....         |          | Special .....         | 32              |
| Total miles traveled .....                   |        |                                |          |                       | 919             |
| Total number of accidents investigated ..... |        |                                |          |                       | 0               |
| Total number of special inspections .....    |        |                                |          |                       | 18              |
| Total number of general inspections .....    |        |                                |          |                       | 3               |
| Total number of scale inspections .....      |        |                                |          |                       | 0               |
| Total inspections and investigations .....   |        |                                |          |                       | 21              |



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MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, January, 1927.

| No.                   | Date.  | NAME OF COMPANY.          | Mine No. | Nature of inspection. | Miles traveled. |
|-----------------------|--------|---------------------------|----------|-----------------------|-----------------|
| 1                     | Jan. 3 | Moore Coal Co.            |          | General.              | 7               |
| 2                     | 4      | Gross "C" Coal Co.        |          | General.              | 39              |
| 3                     | 5      | Western Coal & Mining Co. | 20       | Scale.                | 20              |
| 4                     | 5      | Western Coal & Mining Co. | 20       | Special.              | 20              |
| 5                     | 6      | Steam & Domestic Coal Co. |          | Accident.             | 34              |
| 6                     | 7      | Western Coal & Mining Co. | 20       | Special.              | 20              |
| 7                     | 10     | Fulton Coal Co.           |          | Special.              | 14              |
| 8                     | 11     | Hines & Son Coal Co.      |          | Special.              | 38              |
| 9                     | 11     | Swizard Bros. Coal Co.    |          | Special.              | 15              |
| 10                    | 12     | Sheridan Coal Co.         | 21       | Special.              | 23½             |
| 11                    | 13     | Prosperous Coal Co.       |          | Special.              | 14              |
| 12                    | 17     | Sheridan Coal Co.         | 21       | Special.              | 23½             |
| 13                    | 18     | Crawford County Coal Co.  |          | Accident.             | 15              |
| 14                    | 19     | Motor Coal Co.            |          | Scale.                | 21              |
| 15                    | 20     | Sheridan Coal Co.         | 14       | Special.              | 30              |
| 16                    | 24     | Brown Bros. Coal Co.      |          | Special.              | 8               |
| 17                    | 25     | Dunkirk Coal Co.          |          | Special.              | 26              |
| 18                    | 26     | Foster Coal Co.           |          | Special.              | 38              |
| 19                    | 26     | Hines & Son Coal Co.      |          | Special.              | 38              |
| 20                    | 27     | Umbria Coal Co.           |          | Special.              | 36              |
| 21                    | 27     | Arkan Coal Co.            |          | Special.              | 36              |
| 22                    | 31     | Base Line Coal Co.        |          | Special.              | 20              |
| Total miles traveled. |        |                           |          |                       | 427             |

|   |    |
|---|----|
| Total number of accidents investigated. | 2  |
| Total number of special inspections.    | 16 |
| Total number of general inspections.    | 2  |
| Total number of scale inspections.      | 2  |
| Total inspections and investigations.   | 22 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, February, 1927.

| No.                   | Date.  | NAME OF COMPANY.          | Mine No. | Nature of inspection. | Miles traveled. |
|-----------------------|--------|---------------------------|----------|-----------------------|-----------------|
| 1                     | Feb. 1 | Western Coal & Mining Co. | 20       | Accident.             | 20              |
| 2                     | 2      | Crawford County Coal Co.  |          | Special.              | 15              |
| 3                     | 3      | Hilltop Coal Co.          |          | Scale.                | 15              |
| 4                     | 3      | Hilltop Coal Co.          |          | Special.              | 30              |
| 5                     | 7      | Crawford County Coal Co.  |          | Special.              | 15              |
| 6                     | 8      | Sheridan Coal Co.         | 21       | Accident.             | 23½             |
| 7                     | 11     | Sheridan Coal Co.         | 18       | Special.              | 24              |
| 8                     | 14     | Gesseline Coal Co.        |          | Special.              | 33              |
| 9                     | 15     | Kelly-Carter Coal Co.     |          | Special.              | 31              |
| 10                    | 18     | Central Coal & Coke Co.   | 51       | Special.              | 23              |
| 11                    | 21     | Sheridan Coal Co.         | 21       | Accident.             | 23½             |
| 12                    | 22     | Ridge Coal Co.            |          | Special.              | 26              |
| 13                    | 23     | D. & W. Coal Co.          |          | Special.              | 10              |
| 14                    | 24     | D. & W. Coal Co.          |          | Special.              | 10              |
| 15                    | 26     | Fulton Coal Co.           |          | Special.              | 14              |
| 16                    | 28     | Moore Coal Co.            |          | Special.              | 7               |
| Total miles traveled. |        |                           |          |                       | 305             |

|   |    |
|---|----|
| Total number of accidents investigated. | 3  |
| Total number of special inspections.    | 12 |
| Total number of general inspections.    | 0  |
| Total number of scale inspections.      | 1  |
| Total inspections and investigations.   | 16 |



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*Public Service Commission.*

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, March, 1927.

| No.                  | Date.  | NAME OF COMPANY.          | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------|--------|---------------------------|----------|-----------------------|-----------------|
| 1                    | Mar. 1 | Degasperi Coal Co.        |          | Special               | 6               |
| 2                    | 2      | Western Coal & Mining Co. | 20       | Scale                 | 20              |
| 3                    | 3      | Western Coal & Mining Co. | 20       | Special               | 20              |
| 4                    | 7      | Western Coal & Mining Co. | 20       | Accident              | 20              |
| 5                    | 8      | Black Hawk Coal Co.       |          | Special               | 38              |
| 6                    | 8      | Gross "C" Coal Co.        |          | Special               |                 |
| 7                    | 9      | Steam & Domestic Coal Co. |          | Accident              | 34              |
| 8                    | 10     | Last Chance Coal Co.      |          | Special               | 32              |
| 9                    | 10     | R. S. & Q. Coal Co.       |          | Special               |                 |
| 10                   | 11     | Arkan Coal Co.            |          | Special               |                 |
| 11                   | 11     | Forest Coal Co.           |          | Special               | 36              |
| 12                   | 11     | Umbria Coal Co.           |          | Special               |                 |
| 13                   | 12     | Central Coal & Coke Co.   | 51       | Accident              | 23              |
| 14                   | 14     | Standard Coal Co.         |          | Special               | 14              |
| 15                   | 15     | Western Coal & Mining Co. | 24       | Special               | 19              |
| 16                   | 17     | Fulton Coal Co.           |          | Special               | 14              |
| 17                   | 18     | Central Coal & Coke Co.   | 51       | Accident              | 23              |
| 18                   | 21     | Brown Bros Coal Co.       |          | Special               |                 |
| 19                   | 21     | Black Diamond Coal Co.    |          | Special               | 9               |
| 20                   | 21     | Square Deal Coal Co.      |          | Special               |                 |
| 21                   | 22     | Brown & Crowe Coal Co.    |          | Special               | 9               |
| 22                   | 26     | Fulton Coal Co.           |          | Special               | 14              |
| 23                   | 28     | Standard Coal Co.         |          | Special               | 14              |
| 24                   | 29     | Reidy Coal Co.            |          | Special               | 18              |
| Total miles traveled |        |                           |          |                       | 363             |

|                                      |    |
|--------------------------------------|----|
| Total number accidents investigated  | 4  |
| Total number of special inspections  | 19 |
| Total number of general inspections  | 0  |
| Total number of scale inspections    | 1  |
| Total inspections and investigations | 24 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, April, 1927.

| No.                  | Date.   | NAME OF COMPANY.      | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------|---------|-----------------------|----------|-----------------------|-----------------|
| 1                    | Apr. 25 | Gross "C" Coal Co.    |          | Special               | 39              |
| 2                    | 26      | Forest Coal Co.       |          | Special               | 36              |
| 3                    | 28      | Peerless Coal Co.     |          | Special               | 36              |
| 4                    | 28      | Kelly-Carter Coal Co. |          | Special               | 15              |
| 5                    | 29      | W. & G. Coal Co.      |          | Special               |                 |
| Total miles traveled |         |                       |          |                       | 126             |

|  |   |
|--|---|
| Total number of accidents investigated | 0 |
| Total number of special inspections    | 5 |
| Total number of general inspections    | 0 |
| Total number of scale inspections      | 0 |
| Total inspections and investigations   | 5 |



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MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, May, 1927.

| No.                        | Date. | NAME OF COMPANY.                   | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|-------|------------------------------------|----------|-----------------------|-----------------|
| 1                          | May 3 | Lone Star Coal Co. ....            |          | Special .....         | 8               |
| 2                          | 4     | Young & Brady Coal Co. ....        |          | Special .....         | 8               |
| 3                          | 7     | Mines northeast of Pittsburg ..... |          | Special .....         | 8               |
| 4                          | 16    | Lincoln Coal Co. ....              |          | General .....         | 142             |
| 5                          | 17    | Chapin & Westerlin Coal Co. ....   |          | Special .....         | 13              |
| 6                          | 25    | Brown & Crowe Coal Co. ....        |          | Special .....         | 9               |
| 7                          | 26    | Harris Coal Co. ....               |          | Special .....         | 166             |
| 8                          | 26    | R. M. & B. Coal Co. ....           |          | Special .....         |                 |
| Total miles traveled. .... |       |                                    |          |                       | 354             |

|   |   |
|---|---|
| Total number of accident investigations ..... | 0 |
| Total number of special inspections .....     | 7 |
| Total number of general inspections .....     | 1 |
| Total number of scale inspections .....       | 0 |
| Total inspections and investigations .....    | 8 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, June, 1927.

| No.                        | Date.  | NAME OF COMPANY.                | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|--------|---------------------------------|----------|-----------------------|-----------------|
| 1                          | June 2 | Vulcan Coal Co. ....            |          | Special .....         | 14              |
| 2                          | 6      | Miners & Shippers Coal Co. .... |          | Special .....         | 8               |
| 3                          | 8      | Peerless Coal Co. ....          |          | Special .....         | 22              |
| 4                          | 9      | Wilkerson Coal Co. ....         |          | Special .....         | 12              |
| 5                          | 10     | Black Hawk Coal Co. ....        |          | Special .....         | 38              |
| 6                          | 11     | McGrath Coal Co. ....           |          | Accident .....        | 34              |
| 7                          | 13     | McGrath Coal Co. ....           |          | Accident .....        | 34              |
| 8                          | 15     | Wilson Bros. Coal Co. ....      |          | Special .....         | 8               |
| 9                          | 20     | Morgan Coal Co. ....            |          | Special .....         | 34              |
| 10                         | 20     | Monarch Coal Co. ....           |          | Special .....         |                 |
| 11                         | 24     | Hines & Moore Coal Co. ....     |          | Special .....         | 38              |
| 12                         | 27     | Square Deal Coal Co. ....       |          | Special .....         | 8               |
| 13                         | 27     | Brown & Crowe Coal Co. ....     |          | Special .....         | 15              |
| 14                         | 28     | Pittsburg Block Coal Co. ....   |          | Special .....         |                 |
| 15                         | 29     | DeGasperi Coal Co. ....         |          | Special .....         | 8               |
| 16                         | 29     | Krempuseh Coal Co. ....         |          | Special .....         | 12              |
| 17                         | 30     | Litchfield Coal Co. ....        |          | Special .....         |                 |
| Total miles traveled. .... |        |                                 |          |                       | 285             |

|  |    |
|--|----|
| Total number of accidents investigated ..... | 2  |
| Total number of special inspections .....    | 15 |
| Total number of general inspections .....    | 0  |
| Total number of scale inspections .....      | 0  |
| Total inspections and investigations .....   | 17 |





MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, July, 1927.

| No.                        | Date.  | NAME OF COMPANY.                 | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|--------|----------------------------------|----------|-----------------------|-----------------|
| 1                          | July 1 | Black Diamond Coal Co. ....      |          | Special .....         | 9               |
| 2                          | 1      | Brown Bros. Coal Co. ....        |          | Special .....         |                 |
| 3                          | 5      | Lone Star Coal Co. ....          |          | Special .....         | 8               |
| 4                          | 6      | 3 Coal Co. ....                  | 3        | Special .....         | 7               |
| 5                          | 7      | 3 Coal Co. ....                  | 2        | Accident .....        | 3               |
| 6                          | 8      | Mason Coal Co. ....              |          | Special .....         | 12              |
| 7                          | 8      | Hi-Grade Coal Co. ....           |          | Special .....         |                 |
| 8                          | 11     | Pittsburg-Oklahoma Coal Co. .... |          | Special .....         | 15              |
| 9                          | 12     | Square Deal Coal Co. ....        |          | Accident .....        | 8               |
| 10                         | 14     | Woodman-Vincent Coal Co. ....    |          | Special .....         | 29              |
| 11                         | 19     | Wilkerson Coal Co. ....          |          | General .....         | 15              |
| 12                         | 21     | Vulcan Coal Co. ....             |          | Special .....         | 14              |
| 13                         | 22     | Swigart Coal Co. ....            |          | Special .....         | 24              |
| 14                         | 26     | Drywood Coal Co. ....            |          | Accident .....        | 40              |
| 15                         | 26     | Doubleday Coal Co. ....          |          | Special .....         |                 |
| 16                         | 28     | Miners & Shippers Coal Co. ....  |          | Special .....         | 8               |
| 17                         | 29     | DeGasperi Coal Co. ....          |          | Special .....         | 6               |
| Total miles traveled ..... |        |                                  |          |                       | 198             |

|  |    |
|--|----|
| Total number of accidents investigated ..... | 3  |
| Total number of special inspections .....    | 13 |
| Total number of general inspections .....    | 1  |
| Total number of scale inspections .....      | 0  |
| Total inspections and investigations .....   | 17 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, August, 1927.

| No.                        | Date.  | NAME OF COMPANY.                | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|--------|---------------------------------|----------|-----------------------|-----------------|
| 1                          | Aug. 2 | Hudson Coal Co. ....            |          | Scale .....           | 24              |
| 2                          | 3      | Vulcan Coal Co. ....            |          | Scale .....           | 13              |
| 3                          | 4      | Pittsburg Block Coal Co. ....   |          | Special .....         | 15              |
| 4                          | 5      | Southern-Cherokee Coal Co. .... |          | General .....         | 29              |
| 5                          | 8      | Peerless Coal Co. ....          |          | Special .....         | 22              |
| 6                          | 15     | D. L. & W. Coal Co. ....        |          | General .....         | 35½             |
| 7                          | 15     | D. L. & W. Coal Co. ....        |          | Scale .....           |                 |
| 8                          | 17     | Standard Coal Co. ....          |          | Special .....         | 14              |
| 9                          | 19     | Lone Star Coal Co. ....         |          | Special .....         | 8               |
| 10                         | 22     | Southern-Cherokee Coal Co. .... |          | Scale .....           | 29              |
| 11                         | 23     | T. R. & G. Coal Co. ....        |          | Scale .....           | 28              |
| 12                         | 24     | Arkan Coal Co. ....             |          | Accident .....        | 36              |
| 13                         | 25     | D. L. & W. Coal Co. ....        |          | Scale .....           | 35½             |
| 14                         | 26     | Republic Coal Co. ....          |          | Scale .....           | 28              |
| 15                         | 29     | Vulcan Coal Co. ....            |          | General .....         | 13              |
| 16                         | 30     | Last Chance Coal Co. ....       |          | General .....         | 12              |
| 17                         | 31     | Newland-Haney Coal Co. ....     |          | General .....         | 14              |
| Total miles traveled ..... |        |                                 |          |                       | 355             |

|  |    |
|--|----|
| Total number accident investigations ..... | 1  |
| Total number special inspections .....     | 4  |
| Total number general inspections .....     | 5  |
| Total number scale inspections .....       | 7  |
| Total inspections and investigations ..... | 17 |



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MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, September, 1927.

| No.                        | Date.   | NAME OF COMPANY.                | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|---------|---------------------------------|----------|-----------------------|-----------------|
| 1                          | Sept. 1 | Brown & Crowe Coal Co. ....     |          | Special. ....         | 8               |
| 2                          | 1       | Square Deal Coal Co. ....       |          | Special. ....         |                 |
| 3                          | 2       | Kuhn Coal Co. ....              |          | Special. ....         | 40              |
| 4                          | 2       | Liberty Coal Co. ....           |          | Special. ....         |                 |
| 5                          | 6       | Newlands & Haynie Coal Co. .... |          | Scale. ....           | 14              |
| 6                          | 7       | Southern-Cherokee Coal Co. .... |          | Special. ....         | 29              |
| 7                          | 8       | Frost Coal Co. ....             |          | Special. ....         | 38              |
| 8                          | 8       | Highway Coal Co. ....           |          | Special. ....         |                 |
| 9                          | 9       | Poll Coal Co. ....              |          | Special. ....         | 40              |
| 10                         | 9       | E. H. & M. Coal Co. ....        |          | Special. ....         |                 |
| 11                         | 10      | Hines Coal Co. ....             |          | Special. ....         | 40              |
| 12                         | 10      | Buck Coal Co. ....              |          | Special. ....         |                 |
| 13                         | 12      | Vulcan Coal Co. ....            |          | Accident. ....        | 13              |
| 14                         | 15      | Hillside Coal Co. ....          |          | General. ....         | 30              |
| 15                         | 19      | Reidy Coal Co. ....             |          | General. ....         | 17              |
| 16                         | 20      | Motor Coal Co. ....             |          | Accident. ....        | 21              |
| 17                         | 21      | Lone Star Coal Co. ....         |          | Accident. ....        | 8               |
| 18                         | 22      | 3 & 4 Coal Co. ....             |          | Special. ....         |                 |
| 19                         | 22      | Mason Coal Co. ....             |          | Special. ....         | 12              |
| 20                         | 22      | Lone Oak Coal Co. ....          |          | Special. ....         |                 |
| 21                         | 22      | DeGasperi Coal Co. ....         |          | Special. ....         |                 |
| 22                         | 23      | M. & S. Coal Co. ....           |          | Special. ....         |                 |
| 23                         | 23      | DeGasperi Coal Co. ....         |          | Special. ....         | 30              |
| 24                         | 23      | Moore Coal Co. ....             |          | Special. ....         |                 |
| 25                         | 23      | Atlas Coal Co. ....             |          | Special. ....         |                 |
| 26                         | 23      | Cayuga Coal Co. ....            |          | Special. ....         | 14              |
| 27                         | 25      | Standard Coal Co. ....          |          | Special. ....         |                 |
| 28                         | 27      | Newland & Haney Coal Co. ....   |          | Accident. ....        | 14              |
| 29                         | 28      | Kuhn Coal Co. ....              |          | Special. ....         | 21              |
| 30                         | 29      | Wolfe & Strobel Coal Co. ....   |          | Special. ....         | 9               |
| Total miles traveled. .... |         |                                 |          |                       | 398             |

|  |    |
|--|----|
| Total number of accidents investigated. .... | 4  |
| Total number of special inspections. ....    | 23 |
| Total number of general inspections. ....    | 2  |
| Total number of scale inspections. ....      | 1  |
| Total inspections and investigations. ....   | 30 |



MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, October, 1927.

| No.                  | Date.  | NAME OF COMPANY.          | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------|--------|---------------------------|----------|-----------------------|-----------------|
| 1                    | Oct. 4 | Caput Coal Co.            |          | Special               |                 |
| 2                    | 4      | Westside Coal Co.         |          | Special               | 6               |
| 3                    | 4      | 3 Coal Co.                |          | Special               |                 |
| 4                    | 5      | Walker Coal Co.           |          | Special               | 7               |
| 5                    | 10     | Litchfield Coal Co.       |          | Special               | 12              |
| 6                    | 11     | Sheridan Coal Co.         | 19       | General               | 33              |
| 7                    | 12     | Dittman-Wachter Coal Co.  |          | Scale                 | 15              |
| 8                    | 12     | Crawford County Coal Co.  |          | Scale                 | 33              |
| 9                    | 13     | Sheridan Coal Co.         | 19       | Scale                 | 20              |
| 10                   | 14     | Western Coal & Mining Co. | 20       | Scale                 | 11              |
| 11                   | 17     | Gubbio Coal Co.           |          | Special               | 14              |
| 12                   | 21     | Fulton Coal Co.           | 16       | Scale                 |                 |
| 13                   | 22     | Black Diamond Coal Co.    |          | Special               |                 |
| 14                   | 22     | Brown Bros. Coal Co.      |          | Special               | 8               |
| 15                   | 22     | James Coal Co.            |          | Special               |                 |
| 16                   | 22     | Square Deal Coal Co.      |          | Special               |                 |
| 17                   | 26     | Fern Bros. Coal Co.       |          | Scale                 | 15              |
| 18                   | 26     | Fern Bros. Coal Co.       |          | Scale                 | 14              |
| 19                   | 27     | Jackson-Walker Coal Co.   | 19       | Special               | 14              |
| 20                   | 28     | Jackson-Walker Coal Co.   | 16       | Special               | 15              |
| 21                   | 31     | Devine Coal Co.           |          | Special               |                 |
| Total miles traveled |        |                           |          |                       | 217             |

|  |    |
|--|----|
| Total number of accidents investigated | 0  |
| Total number of special inspections    | 14 |
| Total number of general inspections    | 1  |
| Total number of scale inspections      | 6  |
| Total inspections and investigations   | 21 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, November, 1927.

| No.                  | Date.  | NAME OF COMPANY.           | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------|--------|----------------------------|----------|-----------------------|-----------------|
| 1                    | Nov. 1 | Central Coal & Coke Co.    | 51       | Special               | 23              |
| 2                    | 2      | Gubbio Coal Co.            |          | Special               | 14              |
| 3                    | 2      | Standard Coal Co.          |          | Special               |                 |
| 4                    | 3      | Prosperous Coal Co.        |          | Special               | 10              |
| 5                    | 3      | Oklahoma & Kansas Coal Co. |          | Special               | 31              |
| 6                    | 4      | Cowan Coal Co.             |          | Special               | 14              |
| 7                    | 5      | Jackson-Walker Coal Co.    | 17       | Special               | 23              |
| 8                    | 7      | Western Coal & Mining Co.  | 22       | Scale                 | 23              |
| 9                    | 8      | Western Coal & Mining Co.  | 22       | Scale                 | 21              |
| 10                   | 9      | G. M. & B. Coal Co.        |          | General               | 15              |
| 11                   | 10     | W. & G. Coal Co.           |          | Special               | 12              |
| 12                   | 11     | Werk Coal Co.              |          | General               | 15              |
| 13                   | 14     | Central Coal & Coke Co.    | 49       | Scale                 | 19              |
| 14                   | 14     | Fern Bros. Coal Co.        |          | Scale                 | 20              |
| 15                   | 15     | Western Coal & Mining Co.  | 24       | Special               | 40              |
| 16                   | 16     | Western Coal & Mining Co.  | 20       | Special               | 8               |
| 17                   | 21     | Poll Coal Co.              |          | Special               | 5               |
| 18                   | 22     | West Quincy Coal Co.       |          | General               | 14              |
| 19                   | 22     | Mason Coal Co.             |          | Special               | 11              |
| 20                   | 23     | 50-50 Coal Co.             |          | General               | 6               |
| 21                   | 25     | Newlands-Haynie Coal Co.   |          | Special               | 20              |
| 22                   | 28     | Gubbio Coal Co.            |          | Special               |                 |
| 23                   | 29     | 3 Coal Co.                 | 3        | Special               |                 |
| 24                   | 30     | Western Coal & Mining Co.  | 20       | Special               |                 |
| Total Miles traveled |        |                            |          |                       | 344             |

|   |    |
|---|----|
| Total number of accident investigations | 0  |
| Total number of special inspections     | 16 |
| Total number of general inspections     | 5  |
| Total number of scale inspections       | 3  |
| Total inspections and investigations    | 24 |





### Mine Inspection Department.

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#### MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, December, 1927.

| No.   | Date.  | NAME OF COMPANY.              | Mine No. | Nature of inspection. | Miles traveled. |
|---|--------|-------------------------------|----------|-----------------------|-----------------|
| 1   | Dec. 1 | Newman Coal Co. ....          |          | General. ....         | 23              |
| 2   | 3      | Gubbio Coal Co. ....          |          | Special. ....         | 12              |
| 3   | 3      | Prosperous Coal Co. ....      |          | Special. ....         | 14              |
| 4   | 5      | Fulton Coal Co. ....          |          | Special. ....         | 14              |
| 5   | 7      | Jackson-Walker Coal Co. ....  | 17       | Special. ....         | 14              |
| 6   | 8      | Jackson-Walker Coal Co. ....  | 17       | Special. ....         | 14              |
| 7   | 9      | Fulton Coal Co. ....          | 16       | Special. ....         | 14              |
| 8   | 12     | W. L. & S. Coal Co. ....      |          | General. ....         | 8               |
| 9   | 13     | Pittsburg Block Coal Co. .... |          | Special. ....         | 15              |
| 10  | 14     | Peerless Coal Co. ....        |          | Special. ....         | 22              |
| 11  | 15     | Crawford County Coal Co. .... |          | General. ....         | 15              |
| 12  | 16     | Newlands-Haynie Coal Co. .... |          | General. ....         | 14              |
| 13  | 16     | Wilbert-Schreeb Coal Co. .... |          | Accident. ....        | 9               |
| 14  | 19     | D. & W. Coal Co. ....         |          | General. ....         | 10              |
| 15  | 20     | Central Coal & Coke Co. ....  | 51       | General. ....         | 23              |
| 16  | 21     | Central Coal & Coke Co. ....  | 51       | General. ....         | 23              |
| Total miles traveled. ....                        |        |                               |          |                       | 230             |
| Total number of accident investigations. ....     |        |                               |          |                       | 1               |
| Total number of special inspections. ....         |        |                               |          |                       | 8               |
| Total number of general inspections. ....         |        |                               |          |                       | 7               |
| Total number of scale inspections. ....           |        |                               |          |                       | 0               |
| Total number inspections and investigations. .... |        |                               |          |                       | 16              |

#### MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

W. F. McGavran, January, 1927.

| No.  | Date.  | NAME OF COMPANY.                | Mine No. | Nature of inspection. | Miles traveled. |
|--|--------|---------------------------------|----------|-----------------------|-----------------|
| 1  | Jan. 3 | Lone Oak Coal Co. ....          |          | Special. ....         | 8               |
| 2  | 4      | Westerlin Coal Co. ....         |          | Special. ....         | 12              |
| 3  | 5      | Prairie Coal Co. ....           |          | Special. ....         | 28              |
| 4  | 6      | Steam & Domestic Coal Co. ....  |          | Special. ....         | 30              |
| 5  | 10     | DeGasperi Coal Co. ....         |          | Special. ....         | 10              |
| 6  | 10     | Miners & Shippers Coal Co. .... |          | Special. ....         | 10              |
| 7  | 11     | Peacock Coal Co. ....           |          | Special. ....         | 11              |
| 8  | 12     | D. & W. Coal Co. ....           |          | Special. ....         | 12              |
| 9  | 13     | Western Coal & Mining Co. ....  | 13       | Special. ....         | 18              |
| 10   | 14     | Motor Coal Co. ....             |          | General. ....         | 22              |
| 11   | 17     | Walker Coal Co. ....            |          | General. ....         | 8               |
| 12   | 18     | 3 Coal Co. ....                 |          | Special. ....         | 5               |
| 13   | 19     | Hudson Coal Co. ....            |          | General. ....         | 15              |
| 14   | 25     | D. L. & S. Coal Co. ....        |          | General. ....         | 22              |
| 15   | 26     | Eastern Coal Co. ....           |          | General. ....         | 32              |
| 16   | 27     | Foster Coal Co. ....            |          | General. ....         | 40              |
| 17   | 28     | Black Hawk Coal Co. ....        |          | General. ....         | 40              |
| 18   | 31     | Base Line Coal Co. ....         |          | Scale. ....           | 20              |
| Total miles traveled. ....                 |        |                                 |          |                       | 343             |
| Total number of accident inspections. .... |        |                                 |          |                       | 0               |
| Total number of special inspections. ....  |        |                                 |          |                       | 10              |
| Total number of general inspections. ....  |        |                                 |          |                       | 7               |
| Total number of scale inspections. ....    |        |                                 |          |                       | 1               |
| Total inspections and investigations. .... |        |                                 |          |                       | 18              |



MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

W. F. McGavran, February, 1927.

| No.                        | Date.  | NAME OF COMPANY.               | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|--------|--------------------------------|----------|-----------------------|-----------------|
| 1                          | Feb. 1 | West Side Coal Co. ....        |          | General .....         | 6               |
| 2                          | 2      | Sheridan Coal Co. ....         | 18       | Special .....         | 24              |
| 3                          | 3      | Mulberry Coal Co. ....         |          | General .....         | 40              |
| 4                          | 4      | Lone Star Coal Co. ....        |          | Scale .....           | 8               |
| 5                          | 7      | Wilbert-Schreeb Coal Co. ....  |          | Special .....         | 9               |
| 6                          | 8      | Western Coal & Mining Co. .... | 24       | Special .....         | 20              |
| 7                          | 9      | Three Coal Co. ....            |          | General .....         | 5               |
| 8                          | 10     | Walker Coal Co. ....           |          | General .....         | 8               |
| 9                          | 11     | Western Coal & Mining Co. .... | 22       | Special .....         | 28              |
| 10                         | 13     | Dittman-Wachter Coal Co. ....  |          | Special .....         | 12              |
| 11                         | 14     | Western Coal & Mining Co. .... | 13       | Scale .....           | 18              |
| 12                         | 15     | Vulcan Coal Co. ....           |          | Scale .....           | 13              |
| Total miles traveled ..... |        |                                |          |                       | 191             |

|   |    |
|---|----|
| Total number of accident investigations ..... | 0  |
| Total number of special inspections .....     | 5  |
| Total number of general inspections .....     | 4  |
| Total number of scale inspections .....       | 3  |
| Total inspections and investigations .....    | 12 |

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

W. F. McGavran, March, 1927.

| No.                        | Date.  | NAME OF COMPANY.               | Mine No. | Nature of inspection. | Miles traveled. |
|----------------------------|--------|--------------------------------|----------|-----------------------|-----------------|
| 1                          | Mar. 3 | Standard Coal Co. ....         |          | Scale .....           | 14              |
| 2                          | 7      | Motor Coal Co. ....            |          | Special .....         | 22              |
| 3                          | 8      | Forest Coal Co. ....           |          | Special .....         | 32              |
| 4                          | 9      | Foster Coal Co. ....           |          | General .....         | 42              |
| 5                          | 14     | Sheridan Coal Co. ....         | 21       | Special .....         | 26              |
| 6                          | 15     | Vulcan Coal Co. ....           |          | Scale .....           | 13              |
| 7                          | 16     | Prairie Coal Co. ....          |          | General .....         | 28              |
| 8                          | 17     | Western Coal & Mining Co. .... | 22       | Special .....         | 28              |
| 9                          | 21     | Vulcan Coal Co. ....           |          | Special .....         | 13              |
| 10                         | 22     | Hudson Coal Co. ....           |          | Scale .....           | 15              |
| 11                         | 23     | Englevale Coal Co. ....        |          | Special .....         | 24              |
| 12                         | 24     | Patton Coal Co. ....           |          | Special .....         | 18              |
| 13                         | 25     | Forest Coal Co. ....           |          | General .....         | 32              |
| 14                         | 27     | Lone Oak Coal Co. ....         |          | Special .....         | 8               |
| 15                         | 28     | McGrath Coal Co. ....          |          | Special .....         | 21              |
| 16                         | 29     | Doubleday Coal Co. ....        | 2        | Special .....         | 28              |
| 17                         | 30     | Windmill Coal Co. ....         |          | General .....         | 30              |
| 18                         | 31     | Umbria Coal Co. ....           |          | Special .....         | 30              |
| Total miles traveled ..... |        |                                |          |                       | 424             |

|   |    |
|---|----|
| Total number of accident investigations ..... | 0  |
| Total number of special inspections .....     | 11 |
| Total number of general inspections .....     | 4  |
| Total number of scale inspections .....       | 3  |
| Total inspections and investigations .....    | 18 |