

State inspector of coal mines reports

Section 54, Pages 1591 - 1620

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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Mine No. 3 is located on the same switch with mine No. 2 of the Elliott Coal Company. This mine has a steam hoist, a hoisting-engine of twenty-four horse-power, and a boiler of twenty-five horse-power, and gives employment to sixty-five miners and six day men. It is worked out all on the south and is ventilated by two currents of air. It has a temporary escapement through into mine No. 2 of the Elliott Coal Company, which is not of much force at present; but the company has started to cut a narrow entry through into mine No. 5 of the same company, which, when completed, will be an open road from one shaft to the other.

Mine No. 5 of the same company is located a few hundred yards west of mine No. 3. This is a new mine, and has not been worked on account of not having railroad connection.

Mine No. 6 of the same company is located one-quarter of a mile east of mine No. 3 of the Elliott Coal Company. This is a new mine, having been sunk last summer. They have not yet got their second opening. The inspector was told by Superintendent Gobler that it would be started at once. This mine has a switch in to it off the A. T. & S. F. Rly, and is a very promising mine, both to the miner and the operator, giving employment to twenty-three miners and three day men.

The Foster mine No. 1 is located a few hundred yards east of Chappell mine No. 6, and is run by Archie Sommers. This is one of the oldest mines in the county, having only one current of air, but is fairly ventilated. It has a temporary escapement through into the Bell mine at present, but they are cutting a narrow entry through from one mine to the other for escapement purposes, which will make a very good one when completed. This mine gives employment to twenty-one miners and five day men. It has a switch connected with the Atchison, Topeka & Santa Fe railway.

John Bell mine No. 1 is located about 150 yards east of the Foster mine, and has a switch connected with the Atchison, Topeka & Santa Fe railway. It has but one current of air, but is well ventilated, and has a temporary escapement through into the Foster mine, and is preparing another road through. It gives employment to thirty-five miners and five day men.

Henry Isaacs mine No. 2 is located about two miles west and one mile south of Scranton, and is a slope and has a steam hoist. The inspector was unable to learn the power of the engine and boiler. He hoists all the coal out of the slope with a tail-rope. He sank an air-shaft last summer, which gives a sufficient amount of air to the men employed in the mine. This mine gives employment to about thirty-



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five miners and five day men. It has a switch connected with the Atchison, Topeka & Santa Fe railway.

The Standard Coal Company mine No. 1 is located a quarter of a mile east and a little south of Henry Isaacs mine No. 2. This mine is run by Evan Griffig as manager, and is a new mine. It has its air split into two separate currents. They were called on to comply with the escapement-shaft law, and have started to sink their escapement, but had to stop owing to the bad weather, but have promised to start as soon as the winter breaks up. This mine has no railroad connection, and the coal is all hauled by means of a tramway to the switch of No. 14 shaft of the Mount Carmel Company, which makes it very nearly a half-mile to haul the coal. This mine gives employment to fifty miners and six day men.

Robert Bunton mine No. 1 is located about half a mile west of Scranton. This mine is a slope. The coal is pulled out of the mine with a tail-rope by means of an engine. This mine has connection with an old mine on the north for escapement purposes, and its air is split into two separate currents. The soapstone between the rock and the coal is very thin, which makes lots of work for the operator and very unsafe for the men to travel the entries. Nevertheless Mr. Bunton does all in his power to keep it as safe as possible. The inspector was unable to learn the power of the engine and boiler, owing to the fact that they were on the verge of putting in a new boiler. This mine gives employment to twenty miners and three day men.

Thos. Noble mine No. 2 is located half a mile south of the cemetery at Scranton, and is a little country mine, all the coal being sold for local trade, mostly going to Overbrook. It gives employment to five men.

James Renney mine No. 1 is located about a mile south of Carbondale, and is a slope. The coal is hoisted by a tail-rope, and horse power is used for hoisting. It gives employment to ten miners and three day men, and the coal is mostly sold for local trade. What surplus is left is loaded on the cars at the Atchison, Topeka & Santa Fe track at Carbondale.

Dyer's drift No. 1 is located two miles south and a mile west of Pomona, Franklin county, Kansas, and is run by Mac. Richardson. The mine has no railroad connection, and all the coal was sold for local trade only when visited by the inspector last, in January. This mine was in a very bad condition, as the air was very bad, and the means of weighing the coal was such that the miner did not get credit for what he dug. The operator's attention was called to the matter, and he promptly agreed that he would sink an air-shaft and put in a



set of scales. This mine employs twenty-three miners and one day man.

Ransomville mine No. 1 is located about eight miles south of Pomona, and is run by Mr. Sims. This shaft has a switch connected with the A. T. & S. F. railway. When visited last it employed ten miners and two day men, was well ventilated, and had three openings, and hoisted by means of horse power.

The deputy inspector wishes to report that there are several small drifts running in Franklin county which are too numerous to make separate reports of, but wishes to say that there are from one to five men working in them. Respectfully submitted.

THOS. HERZOG, *Deputy Mine Inspector.*

General report of conditions of the mines of Osage county from March 1 to June 30, 1904:

Sam Carlson mine No. 1. At my first visit to this mine the escape-ment-shaft had not been completed, and work had stopped on it. I told him to complete the shaft or injunction proceedings would be brought against him and close down the mine. The escapement-shaft is now completed; therefore did not force the injunction. At my last visit the mine was in fair shape.

John A. Johnson mine No. 2. At my first visit to this mine there was one current of air, which escaped to another mine and did not benefit anybody. I told them to force that current of air to working-face on the west side. At my next visit the west side of the mine was stopped, and the leakages in other parts of the mine had been stopped, and the air was in fair shape. There was some loose rock in the shaft near the bottom. I had it taken down and the mine is now in fair shape.

A. W. Granstrom, No. 5. At this mine there was enough air traveling, but it was not carried to working-face. I told them to force the air in to working-face. There has been put up on the entry a door and some curtains, and the air is now carried to working-face.

Western Fuel Company, No. 4. This mine had plenty of air traveling, but needed trap-doors in place of curtains, to force air in to working-face. This has been done. Also, one air-current was shorter return than the others. At my suggestion, there was a regulator put in, so the men on that current would get the proper proportion of air.

Skidmore & Stonequist, No. 4. At my first visit this mine needed leakages stopped and some more curtains put up. This has been



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done. They are driving a road through to Granstrom mine for escape-ment, but have not completed it yet.

Kansas Coal Company of Kansas. At my first visit this mine needed curtains put up to force air in to working-face. This has been done. Also, there is a return air-course that is too small to allow enough air to travel through. This will be remedied by driving an air-course through from one entry to another, which is being done at present.

Valley Coal Company, No. 1. This mine is worked by a company of miners. There is no one working in this mine but members of the company. The mine is practically safe and has enough air for the number of men employed.

Tom Skidmore mine No. 1. There are only a few men working in this mine and it has enough air for the number employed.

I. Jones mine. At my first visit this mine was in bad shape, as water had broken in and partly flooded the mine. There were three places working and the air was bad. The mine has changed hands, and there is a good current of air going now. This mine will be worked out in a short while.

Sunflower Coal Company. This mine employs only a few men and has enough air for the number of men employed.

Coughlin Coal Company. At my first visit to this mine the air-courses were caved in and the air was very poor. The air-courses are now open and there is enough air for number of men employed.

Harvey Coal Company. This mine has enough air for number of men employed.

Labor Exchange, Nos. 2 and 3. These mines are owned and worked by a company of miners who call themselves the Labor Exchange. All men working in these mines are members of the Labor Exchange. The mines are in fair shape.

Big 5 Coal Company. At my first visit to this mine the air-courses were partly caved in. They are now open and the mine is in fair shape.

Pete Halburg mine. At my first visit this mine was in poor shape. I told the boss he would have to fix it up. At my next visit this mine was closed down, and is at present.

Joe Bower mine. This is a country mine and is shut down at present. The Davis mine and John Murry mine are also shut down at present. These mines work only in winter time. Also Reese Bryant mine.



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Mount Carmel mine No. 28. This mine has been shut down. This is one of the large mines of this county and will open soon.

Mount Carmel mine No. 29. This is one of the largest coal-producing shafts in Osage county, and has four currents of air in the mine. At my first visit part of the air-courses were caved in, but at my next visit they were open and the mine is now in fair shape.

John Jack mine No. 1. At my first visit this mine was in bad shape. There were not enough doors or curtains to force air to the working-face, and the air was split in such a manner that one current returned to air-shaft and did not air any of the working-face. I told him to change this current of air so the men would get the benefit of it. He has done this, and also put up some curtains and forced some air in to working-face. The air-shaft is bratticed off of main shaft, and there is a great deal of leakage between up- and down-casts in the shaft. At times the smoke from the upcast would leak through to downcast and the smoke would be carried in to working-face. I told him he would have to sink an air- and escapement-shaft, as the court had granted an order in which, if I could prove the mine was not in compliance with the mining laws, an injunction would be issued closing down the mine. I also told him the inspector had written me, and said to have the law complied with or force injunction. They have started to sink and are down about 100 feet, and will complete it soon. This mine will then, for the first time, be complying with mining laws.

Black Diamond Coal Company, No. 1. I found this mine had been worked for some time with but one opening. I told them to sink an air- and escapement-shaft. They have started, and are now down over 100 feet. They are using steam-pipe to ventilate the mine and have enough air, but needed leakage stopped. This is now done, and the air current is now carried to working-face.

James Washington mine No. 1. At my first visit to this mine the air-shaft was nearly closed and the mine needed doors and curtains put up to force the air in to working-face. The air-shaft has been cleaned out and doors and curtains put up and the mine is now in fair shape.

Knight & Weston mine No. 1. This mine is well ventilated, but has no escapement shaft; have promised to sink one, but have not done so yet.

Strunk Coal Company mine No. 2. At my first visit this mine needed return air-courses made bigger; also some new chains put on cages. This has been done and the mine is now in better condition.

Star Coal Company No. 3. The air-shaft is partly caved in, and



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have started to sink another air- and escapement-shaft closer to working-face. This mine has been shut down, but will start to work as soon as new shaft is completed and then will be in good shape.

Hugh McFarland mine No. 1. This mine gets air from Central mine; also uses Central for escapement. It is in fair shape.

Central Coal and Mining Company. At my first visit to this mine the air-shaft was partly caved in. It is now cleaned out and the mine is in fair shape. It is connected with the McFarland mine.

Archie Sommers mine, known as Foster's mine. At my first visit this mine had no escapement. At my suggestion, a road has been driven through to John Bell mine, and shall be kept for escapement road. This mine is now in good shape.

John Bell mine No. 1. At my first visit this mine had no escapement, but is now connected with Sommers mine. The air-courses were so small sufficient air could not get through. I ordered the air-courses made larger. The air-courses are now some larger and the mine is in fair shape.

Elliott's mine No. 3. At my first visit this mine had but one opening. I told them to sink an air- and escapement-shaft. They have started to sink, and the main shaft is closed down at present.

Elliott's mine No. 2. At my first visit to this mine the air was poor in parts of the mine. At my request there has been an air-course cut through the gob that improved the air. There were some loose rocks hanging on the main entry that I had pulled down; also the chains on the cages made more secure.

Superior mine. At my first visit to this mine the air was poor in parts of the mine. At my request there were a door and curtains put up and the return air-courses made bigger. There also has been a steel smoke-stack put up on the air-shaft and the mine is now in better condition.

Kelley mine. This mine employs but a few men and has enough air for the number employed.

Chappell No. 3. At this mine there is an entry being driven through to No. 5 for an escapement road, but is not completed yet. When this road is through the mine will be in fair shape.

Chappell No. 6. At my first visit this mine had but one opening, and the air was poor, and was ventilated by furnace on top. I requested that an air- and escapement-shaft be sunk, and to stop part of the miners from working in the shaft until the air-shaft was completed. This was done. The air-shaft is completed now and the mine is in good shape.



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Isaacs mine. At my first visit to this mine there was plenty of air, but it was not carried to working-face. At my request there have been some curtains put up and leakage stopped, and the mine is now in fair shape.

Mount Carmel mine No. 14. At my first visit to this mine the air was poor in parts of the mine. Before I got back to this mine it was closed down for the summer.

Standard Coal Company. This mine is well ventilated, but they have not completed escapement-shaft.

Bunton's mine. This mine is in a long distance, and there has been some trouble to keep the black damp away from working-face as it came out of old works, but there has been an air-shaft sunk that is an inlet-shaft close to working face, and at my request there have been some doors put up in the place of curtains, and the air is now in fair shape.

Gust Erexson mine. This mine has only a few men and has enough air for those employed.

Noble mine. At my visit to this mine there was no one working there but the Nobles.

Bennie mine. At my first visit this mine was working a few men and had enough air for the number employed. At my next visit the mine had been shut down for the summer.

The mines in Osage county are worked on the long-wall system, and are ventilated by furnaces.

FRANK GILDAY, *Deputy Mine Inspector.*



SCALE TESTS.

H. indicates that the scales were weighing heavy. L. indicates that they were weighing light. H. L. indicates that they weighed heavy on one side of the scale and light on the other side.

June 22, 1903.—Columbus Coal Co. mine No. 4. Scales weighing correctly.

June 22, 1903.—Fleming Coal Co. mine No. 4. Scales weighing correctly.

June 22, 1903.—Fleming Coal Co. mine No. 5. Scales weighing incorrectly and inactive. Company was notified of such condition June 26, 1903.

June 23, 1903.—Southern Coal and Mer. Co. No. 5. Scales weighing incorrectly on hopper scales. (L.) Platform scale at same mine weighing incorrect. Company was notified of such condition June 26, 1903.

June 23, 1903.—C. C. & C. Co. mine No. 7. Scales weighing correctly.

June 24, 1903.—M. O. French Coal Co. No. 1. Scales weighing correctly.

June 24, 1903.—Larson Bros.' mine No. 1. Scales weighing incorrectly. (L.) Company notified of condition June 26, 1904.

June 24, 1903.—Fidelity Land and Improvement Co. No. 1. Scales weighing incorrectly. (L.) Company notified of their condition June 26, 1903.

June 24, 1903.—Mackie Fuel Co. mine A. Scales were weighing incorrectly. (L.) Notified company June 26, 1903.

June 24, 1903.—Fidelity Land and Improvement Co. No. 2. Scales weighing incorrectly. (L.) Company notified June 26, 1903.

June 25, 1903.—J. R. Crowe Coal Co. mine No. 3. Scales were weighing incorrectly. (L.) Company notified June 28, 1903.

June 25, 1903.—C. C. & C. Co. mine No. 18. Scales weighing incorrectly. Notified company June 25, 1903.

June 25, 1903.—Cherokee Coal and Mining Co. Scales weighing correctly.

June 26, 1903.—Hamilton Coal and Mer. Co. mine No. 3. Scales were weighing correctly.

June 26, 1903.—J. R. Crowe Coal Co. No. 7. Scales weighing incorrectly. (L.) Notified the company June 28, 1903.

June 26, 1903.—W. H. Barrett Coal Co. mine No. 2. Scales were weighing incorrectly. (H.) Notified June 28, 1903.

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June 26, 1903.—Hamilton & Grant Coal Co. Hopper scales weigh correctly.

June 26, 1903.—Platform scales of the same company were weighing incorrectly. (L.) Notified June 26, 1903.

June 29, 1903.—Weir Junction Coal Co. No. 1. Scales were weighing incorrectly. (L.) Notified June 29, 1903.

June 29, 1903.—C. C. & C. Co. mine No. 41. Scales were weighing correctly.

June 29, 1903.—J. R. Crowe Coal Co. No. 10. Scales were weighing incorrectly. (L.) Notified June 29, 1903.

June 29, 1903.—J. R. Crowe Coal Co. No. 8. Scales were weighing incorrectly. (L.) Notified June 29, 1903.

June 30, 1903.—Columbus Coal Co. mine No. 3. Did not test those scales at this time, as they had discovered that they were out of order and had decided to put in a new set at once, which scales had been ordered several days and were looked for any day.

June 30, 1903.—J. H. Durkee Coal Co. No. 1. Scales weighing incorrectly. (L.) Notified June 30, 1903.

June 30, 1903.—Hamilton Coal and Mer. Co. mine No. 2. Scales weighing correctly.

July 1, 1903.—S. W. D. Co. mine No. 7. Scales weighing incorrectly. (L.) Notified July 3, 1903.

July 1, 1903.—S. W. D. Co. mine No. 6. Scales were weighing incorrectly. (H.) Notified July 3, 1903.

July 1, 1903.—S. W. D. Co. mine No. 8. Scales were weighing incorrectly. (L. H.) Notified July 3, 1903.

July 2, 1903.—John Mayers Coal Co. No. 1. Scales were weighing incorrectly. (H.) Notified July 2, 1903.

July 2, 1903.—Eastern Coal and Coke Co. No. 1. Scales weighing correctly.

July 2, 1903.—C. C. & C. Co. No. 16. Scales were weighing incorrectly. (H.) Notified July 2, 1903.

July 3, 1903.—J. R. Crowe Coal Co. Nos. 8 and 10. Scales found to weigh correctly after being properly adjusted.

July 8, 1903.—Columbus Coal Co. No. 3. Scales weighing correctly. These are a new set of scales, recently set up.

July 8, 1903.—Fleming Coal Co. No. 6. Scales were weighing correctly.

July 20, 1903.—Norton Coal Co. No. 3. Scales weighing incorrectly. (L.) Notified July 20, 1903.

Some of the above companies were very dilatory and slow about making the necessary repairs to their scales and other compliances with the law. I then conferred with the county attorney as to the



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best course to pursue, and he requested the names of the companies that were not complying with the laws, and said he would look the matter up and take such procedure as the law prescribed, at which time he gave the various companies notice of forty days to complete such improvements as I desired, as contained in the notices herewith attached. In one case notice was given the Crowe Coal Company to have their scales at mine No. 3 properly adjusted, which were not adjusted within three days of the expiration of the notice, when they apparently realized that a suit would be brought against them after the expiration of the notice. They then requested that Mr. Casselman, the state mine inspector, come to their mine and test their scales. He came to Weir and met the superintendent of the company, and agreed with him to have the scales repaired the following Sunday, two days after the notice expired, which they did at that time. After seeing that the notices gave such a long limit of time, I had no other thought than that they would get their scales properly adjusted within that length of time, without taking it to the state inspector, in order to bring action against them until such time as the notice expired, which I intended to do; but unawares to me they requested the state inspector to come down, and received the extra time from him, in order to evade the notice or action taken by me.

August 21, 1903.—Gross & Miller mine No. 1. Scales weighing incorrectly. Ordered to get some new parts for scales, which was done at once, and made to weigh correctly.

October 13, 1903.—Tested the scales at mine No. 3 of the J. R. Crowe Coal Company, and found them weighing correctly, after they had been adjusted by a scale expert.

October 13, 1903.—C. C. & C. Co. mine No. 16. Scales weighing incorrectly. (H.) Notified October 13, 1903.

November 6, 1903.—John Robertson Coal Co. No. 1. Scales weighing incorrectly, and in such a condition that the scales would have to be reset, which I ordered done. This was immediately done, and the scales made to weigh correctly.

December 4, 1903.—J. R. Crowe mine No. 10. Scales found to weigh incorrectly by hanger weight being heavy, which I had drilled out before I left the mine, and made to weigh correctly.

January 13, 1904.—Robinson Coal Co. Scales tested, and found to be working stiff and very inactive, and found the building around the scales to be binding, which I had adjusted before leaving the mine.

January 13, 1904.—A. L. Hayden Coal Co. No. 1. Scales weighing correctly.

January 13, 1904.—Larson Bros.' mine No. 1. Scales found to weigh ten pounds light, and adjusted before leaving them.



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January 15, 1904.—On notice from the state inspector to test scales at Hamilton & Grant mine, and report to him, I tested scales, and found the hopper scales weighing eight to ten pounds heavy, and the platform scales weighing twenty to twenty-five pounds light, and stated the condition to the inspector.

JAMES. A. ORR,
Deputy Mine Inspector.

March 21, 1904.—Fidelity Land and Improvement Co. No. 1. Scales weighing incorrectly. (H.) Company notified as to the condition of the scales.

March 22, 1904.—Fidelity Land and Improvement Co. No. 2. Scales weighing incorrectly. (H.) Company notified as to their condition.

March 24, 1904.—Weir Junction Coal Co. No. 1. Scales weighing correctly.

April 11, 1904.—Hamilton Coal and Mer. Co. No. 5. Scales weighing incorrectly. One bearing was broken, which was requested to be repaired at once, which was done, and scales retested April 19, and adjusted and made to weigh correctly.

April 20, 1904.—Hamilton & Grant Coal Co. No. 3. Scales were still weighing incorrectly. (L.) After several tests and notifications, at which time I considered I had given them sufficient time and notices to have their scales properly repaired, and went to the county attorney of Crawford county to bring suit against them for using scales which were incorrect; but he refused to issue such a complaint without first serving them with a notice from his office to have the scales properly adjusted within five days, which he did, and the scales were made to weigh correctly by April 26, 1904.

May 19, 1904.—J. R. Crowe Coal Co. No. 10. Scales weighing correctly.

May 19, 1904.—J. R. Crowe Coal Co. No. 8. Scales weighing correctly.

May 19, 1904.—John Mayers Coal Co. No. 1. Scales weighing incorrectly. (L.) Company notified as to the condition of the scales, and to have same fixed at once.

I had records of other inspections and scale tests during this period, but lost book with them in the mine and was unable to find it.

JAMES A. ORR, *State Inspector.*



NOTIFICATIONS.

COLUMBUS, KAN., August 17, 1903.

J. R. Crowe Coal and Mercantile Company, Weir City, Kan.:

GENTLEMEN—The deputy state mine inspector has notified me that the following requirements of the laws are neglected at your mines, to wit:

Shaft No. 10.—There are incomplete connections to escape-shaft and the air is not split according to law.

Shaft No. 3.—There are no safety-catches on the cages and the scales do not weigh correctly.

I am informed that these matters have been before you for some time and that you have failed and neglected to comply with requests heretofore made.

This is to notify you that if at the expiration of forty days from the date of this notice these conditions are not remedied and the above alterations are not made, then in such case I shall be compelled to commence injunction proceedings against you to enforce compliance.

Kindly see that prompt measures are taken to at once correct all these troublesome matters, as I desire to avoid any friction just as much as you.

Yours very truly, COUNTY ATTORNEY.

COLUMBUS, KAN., August 17, 1903.

Fidelity Land and Improvement Company, Stone City, Kan.:

GENTLEMEN—I am informed by the deputy state mine inspector to give notice that your scales at your mines Nos. 1 and 2 in this county are not weighing correctly. You will therefore take notice that unless the same are corrected and remedied within forty days from date of this notice I shall be compelled to begin action against you by injunction under the statutes of this state.

I trust you will take speedy action in this matter, to assist me to avoid any friction.

Faithfully yours, COUNTY ATTORNEY.

COLUMBUS, KAN., August 17, 1903.

Fleming Coal Company, Parsons, Kan.:

GENTLEMEN—I am notified by the deputy state mine inspector that the escape-shafts are not complete at your mines Nos. 4 and 5 in this county. You will therefore take notice that unless the same are corrected and remedied within the period of forty days from the date of this notice I shall be compelled to commence action against you by injunction under the laws of this state regarding same.

I trust you will see the necessity for a speedy action on your part and will aid me in avoiding any friction.

Faithfully yours, COUNTY ATTORNEY.

COLUMBUS, KAN., August 17, 1903.

W. H. Barrett, Weir City, Kan.:

DEAR SIR—I am informed to give notice by the deputy state mine inspector that at your shaft No. 2 the scales are not weighing correctly. You are undoubtedly aware of the provision of the law for remedying this default.

You will take notice that unless the same have been corrected within the



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period of forty days from date of this notice I shall be compelled, according to law, to enforce the statutes of the state of Kansas.

I trust you will see the necessity of avoiding any friction in this matter and will assist me in this matter. Yours faithfully, COUNTY ATTORNEY.

COLUMBUS KAN., August 17, 1903.

Southwestern Development Company, Mineral, Kan. :

GENTLEMEN—The deputy state mine inspector has given me notice that at your mines Nos. 7 and 8, this county, the scales are not weighing correctly. You will therefore take notice that unless the same have been remedied and are weighing correctly within forty days from date of this notice I shall be compelled to commence an action against you by injunction, under the statutes of this state, regarding same.

I trust you will see the necessity of a speedy compliance of this notice, and will assist me in avoiding any friction in this matter.

Yours truly, COUNTY ATTORNEY.

COLUMBUS, KAN., August 17, 1903.

Norton Coal Company, Scammon, Kan. :

GENTLEMEN—The deputy state mine inspector has given me notice that the scales at mine No. 3 are not weighing correctly. You will take notice that unless the same have been remedied, and proper measures taken to correct same, within the period of forty days from date of this notice, I shall be compelled to proceed under the section of the statutes in such case being made and provided to enforce compliance.

I trust you will set the necessity of a speedy action in this matter and help me to avoid any friction. Faithfully yours, COUNTY ATTORNEY.



STATISTICAL TABLES.

For Period Beginning January 1, 1903, and Ending
June 30, 1904.

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FATAL ACCIDENTS IN CHEROKEE COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Date of death.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Jan. 14	Jan. 18	.....	45	Mackie Fuel Co., No. A.....	Joe Sketino, Mackie mine.....	Fall of rock ²	Miner.
2	Feb. 12	Feb. 12	Married.	35	Fidelity Land and Imp. Co., No. 2....	John Mitchell, Stone City.....	".....	"
3	April 7	April 7	.....	.....	Mayer's No. 1.....	Ely Sayars, ³ Mayer's mine.....	".....	"
4	" 29	" 29	.....	.....	Central Coal and Coke Co., No. 11....	Nic Tornellia, ⁴ Weir City.....	".....	"
5	" 30	" 30	.....	.....	Southwestern Dev. Co., No. 8.....	Joe Paninko, ⁵ Mineral.....	".....	"
6	May 19	May 19	Single.	17	Mayer Coal Co., No. 1.....	Iver Pramberg, Mayer mine.....	".....	"
7	July 19	July 19	"	25	Southwestern Dev. Co., No. 7.....	Jas. Smith, Rich Hill, Mo.....	Killed by cage.....	Mule-driver.
8	Aug. 10	" 10	"	23	C. H. Markham Coal Co., frog.....	Alex. Janeway, ⁶ Scammon.....	Fall of rock.....	Miner.
9	" 21	" 21	"	48	Columbus Coal Co., No. 4.....	John Rich, ⁷ Stippville.....	".....	"
10	" 29	Aug. 29	"	13	Central Coal and Coke Co., No. 7.....	Harry Parker, ⁸ Scammon.....	".....	"
11	Sept. 19	" 19	"	25	Southwestern Dev. Co., No. 8.....	Joe Strauss, ⁹ Mineral.....	".....	"
12	Oct. 3	Oct. 3	"	17	L. J. Hisle, Silver Bud.....	James Cumrine, Scammon.....	".....	Mule-driver.
13	Nov. 10	Nov. 10	Married.	33	Central Coal and Coke Co., No. 7.....	Ed. Brown, ¹⁰ Scammon.....	".....	Miner.
14	Dec. 31	Dec. 31	.....	.....	Fidelity Land and Imp. Co., No. 2....	Ira Studebaker, Stone City.....	Explosion and after-damp.....	Shot-firer.
15	" 15	" 15	Single.	26	Weir Junction Coal Co., No. 2.....	Ralph Ridley, Weir City.....	".....	"

FATAL ACCIDENTS IN CHEROKEE COUNTY FROM JANUARY 1 TO JUNE 30, 1904.

1	Jan. 9	Jan. 10	Single.	26	Fleming Coal Co., No. 5.....	W. T. Hill, Columbus.....	Burned by explosion ¹	Miner.
2	" 16	" 21	Married.	.....	Scammon Coal Co., No. 1.....	L. S. Shellenbergar, Skidmore.....	Shot blew through pillar ²	Shot-firer.
3	" 16	" 16	Single.	.....	" " " " No. 1.....	Frank Haley, Skidmore.....	".....	"
4	" 25	Feb. 1	.....	.....	Mayer Coal Co., No. 7.....	Stance Dorch, Mayer's camp.....	Fall of rock.....	Miner.
5	" 29	Jan. 29	Married.	35	Fidelity Land and Imp. Co., No. 1....	Joseph Sachatine, Stone City.....	".....	"
6	Feb. 4	Feb. 4	"	45	Hamilton Coal and Mer. Co., No. 2....	Wm. McCullough, Weir.....	".....	"
7	Mar. 10	Mar. 10	Single.	18	Southwestern Dev. Co., No. 8.....	Steve Miller, Mineral.....	".....	"
8	May 5	May 5	Married.	.....	Gross & Miller, No. 1.....	L. E. McGunder, Weir.....	Flying coal.....	"
9	April 21	April 21	Single.	.....	Fleming Coal Co., No. 4.....	Frank Matherson, Columbus.....	Explosion.....	Shot-firer.
10	" 21	" 21	Married.	.....	" " " " No. 4.....	Sam Shoppman, Skidmore.....	".....	"

1. Colored.
2. Leg broken by fall of rock; killed by overdose of morphine.
3. Died at Mount Carmel Hospital, Pittsburg.
4. Died at home a few hours later.
5. Voluntarily filling powder while weigh boss was sharpening tools.
6. Were tamping hole while shot was lit in adjoining room.

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INSPECTOR OF COAL-MINES.



NON-FATAL ACCIDENTS IN CHEROKEE COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Feb. 17	Married.	30	J. R. Crowe C. & M. Co., No. 3	M. Booker, Weir City	Burned by explosion	Shot-firer.
2	" 20	"	"	Mayer's mine, No. 1	John White, Mayer's camp	Burned by explosion firing own shots	Miner.
3	" 20	"	"	"	King Staples,	"	"
4	Mar. 16	"	"	Central Coal and Coke Co., No. 18	Frank Simone, Weir City	Burned by gas while tamping shot	"
5	" 27	Single.	20	"	William Wallace,	Toe cut off by car jumping track	"
6	April 10	Married.	48	Columbus Coal Co., No. 4	Wm. Symmes, Stippville	Hurt in back and hips by fall of rocks	"
7	" 20	"	"	Central Coal and Coke Co., No. 18	C. Stewart, Weir City	Leg hurt by fall of rock	"
8	" 20	"	43	Columbus Coal Co., No. 4	Geo. Richter, Stippville	Hurt in back and hips by fall of rock	Mule-driver.
9	" 28	"	"	Mayer's mine, No. 1	Sid Simpson, Mayer mine	Jammed between cars	Miner.
10	" 29	"	"	"	Hart Pearson,	Hurt in back by fall of rock	"
11	May 4	Married.	45	Clemens & Son mine	J. J. Burris, Weir City	Leg broken by fall of rock	Shot-firer.
12	" 11	"	23	Central Coal and Coke Co., No. 18	T. S. Berry,	Burned by gas while firing shots	"
13	June 8	"	"	"	Louis Dowdell,	"	"
14	" 8	"	39	"	Frank Perero,	Burned by gas by using naked light	Miner.
15	July 14	"	"	Southwestern Devel't Co., No. 8	Joe Gobereno, Mineral	Hand crushed by fall of rock	"
16	" 16	"	"	Barrett Coal Co., No. 2	John McCabe, Weir City	Back injured by fall of slate	"
17	" 16	"	"	"	Mike McCabe,	Hips injured by fall of slate	"
18	Aug. 19	Single.	16	Norton Coal Co., No. 3	Delbert Scott, Scammon	Hurt in back by fall of rock	Shot-firer.
19	" 21	"	24	"	Don Stormant,	Shoulder dislocated by windy shot	Miner.
20	" 28	Married.	42	Columbus Coal Co., No. 3	Wm. McLeod, Stippville	Hurt in back by fall of rock	Driver.
21	Sept. 4	"	35	Gross & Miller, No. 1	Jas. Jamison, Weir City	Hurt in back by fall of rock	Miner.
22	" 15	"	45	Fleming Coal Co., No. 6	Jas. Chandler, Skidmore	Both legs broken by fall of rock	"
23	" 15	"	34	J. R. Crowe Co., No. 16	Jas. Haley,	Hurt in back by fall of rock	"
24	" 21	"	37	Central Coal and Coke Co., No. 16	Henry Darris, Scammon	Hurt by rail falling on foot	Car-trimmer.
25	" 22	Single.	19	"	A. B. Gray,	Foot jammed between flat-cars	Dumper.
26	" 23	"	20	Southern Coal Co., No. 5	Geo. Blackett,	Hurt by flying timbers	Miner.
27	Oct. 12	Married.	50	Central Coal and Coke Co., No. 7	G. W. McKinney,	Hurt in hips by fall of rock	"
28	Nov. 3	Single.	55	Gross & Miller, No. 1	Tho. Carter, Weir City	Leg broken by fall of rock	"
29	" 16	Married.	40	L. J. Hiele, Silver Bud	John Marshall, Scammon	Hurt in back by fall of rock	"
30	" 23	"	18	Norton Coal Co., No. 3	Geo. Cartright,	"	"
31	" 24	Single.	44	Southwestern Devel't Co., No. 6	Jas. Pova, Mineral	Burned by gas	"
32	" 30	"	36	Gross & Miller, No. 1	Jerry Borders, Weir City	Hurt by being thrown from moving trip.	"
33	Dec. 3	Married.	34	Cherokee Coal and Coke Co., No. 1	John Hunt, Cherokee	Burned by explosion	Shot-firer.
34	" 3	"	26	"	Geo. Perkins,	"	"
35	" 5	"	60	John Robertson Co., No. 1	Jas. McTavish, Weir City	Arm wrenched by fall of coal	Miner.
36	"	"	"	Gross & Miller, No. 1	Robt. Lewins,	Foot broken by fall of rock	"

1. Colored.
2. One leg amputated.

BIENNIAL REPORT.

State inspector of coal mines reports

NON-FATAL ACCIDENTS IN CHEROKEE COUNTY, FROM JANUARY 1, TO JUNE 30, 1904.

No.	Date of accident.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Jan. 9	Single.	18	J. R. Crowe Co., No. 8.	Albert Daugherty, Skidmore...	Hurt by cage	Cager helper.
2	" 13	Married.	"	" " " No. 7.	Newt. Marshall, No. 7 camp	Windy shot	Shot-firer.
3	" 13	"	"	" " " " "	Geo. Jennings, Weir	Windy shot	"
4	" 20	"	"	" " " " "	Frank Broder, Weir	Fall of rock	Driving entry.
5	April 21	"	"	Southwestern Devel't Co., No. 11	F. Horner, Mineral	Gas ignited while putting in cartridge	Miner.
6	" 21	"	"	" " " " "	Herman Granquest, Mineral	Injured by the above shot going off	"
7	May 12	Married.	"	Hamilton Coal and Mer. Co., No. 2	James Platts, sr., Weir	Fall of rock	Shot-firer.
8	June 1	"	"	Southern Coal and Mer. Co., No. 5.	John Kennedy, Seamon	Shot going off on him	Miner.
9	" 16	"	"	J. R. Crowe Co., No. 3	Geo. Hoffman, Weir	Fall of rock	Miner.
10	July 19	"	"	Norton Coal Co., No. 3	James Renfro, Seamon	Fall of slate	"
11	May 9	Single.	22	Central Coal and Coke Co., No. 7.	J. W. Richardson, Seamon	Fall of rock	Driver.
12	Mar. 23	"	"	Hamilton Coal and Mer. Co., No. 5.	Mike Navau, Mineral	Fall of rock—hurt in hips	Miner.
13	April 15	"	"	J. R. Crowe Co., No. 10	Claude Tarter, Seamon	Fall of slate—hurt in back	"
14	" 15	"	"	" " " " "	Case Beer, Seamon	Fall of slate—hurt in legs	"
15	" 18	Married.	"	Hamilton Coal and Mer. Co., No. 5.	Dominee Belino	Hurt in back and arm by flying coal	Shot-firer.

1. When the gas in Horner's hole ignited he ran out and shouted a warning to Granquest, who worked in the next room. Granquest, not understanding, went into Horner's room just as the shot exploded.

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INSPECTOR OF COAL-MINES.



FATAL ACCIDENTS IN CRAWFORD COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Date of death.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Jan. 7	Jan. 7	Single.	21	Decker mine, No. 2	Miles Bloat	Fall of slate	Miner.
2	" 20	" 20	Single.	21	Mount Carmel, No. 5	Ferdinando Barbina	Fall of slate	"
3	" 29	" 29	Married.	60	Midway Coal Co., No. 5	Thomas Hughes	Fall of slate	"
4	Mar. 7	Mar. 7	"	"	Mount Carmel, No. 8	Joe Baldonia	After-damp of explosion	Shot-firer.
5	" 7	" 7	"	"	"	Antoni Gauda	After-damp of explosion	"
6	" 7	" 7	"	"	"	Rossler	"	"
7	" 12	" 12	"	"	Devlin & Miller mine	George Browlee	Fall of rock	Miner.
8	May 19	May 19	Married.	34	Wear Coal Co., No. 9	William Warf	Drowned in mine	"
9	" 19	" 19	Single.	20	"	Brooks Warf	Drowned in mine	"
10	Oct. 15	Oct. 15	"	"	Central Coal and Coke Co., No. 15	Mike Ross	Run over by railroad-cars	Car-trimmer.
11	" 15	" 15	Married.	38	Mount Carmel, No. 6	Frank Bower	"	Miner.
12	Nov. 11	Nov. 11	"	47	Central Coal and Coke Co., No. 15	Henry Cresson	Fall of rock	"
13	Dec. 22	Dec. 22	"	"	"	Mike Carasotta	Cause of death not known	"

FATAL ACCIDENTS IN CRAWFORD COUNTY FROM JANUARY 1 TO JUNE 30, 1904.

1	Mar. 31	Mar. 31	Single.	24	Mount Carmel, No. 5	Frank Doria, Chicopee	Attempting to get on trip while in motion	Miner.
2	April 19	April 25	Married.	"	Devlin & Miller mine	Arthur Shiverd	Burned by windy shot	Shot-firer.
3	" 26	" 26	"	"	Pittsburg & Midway, No. 5	Lute Haskins	Premature shot	Day man.
4	May 17	May 17	"	21	Mount Carmel, No. 5	Owen McQuade	Run over by loaded trip	Driver.
5	June 24	June 24	"	"	"	Victor Barbora	Fall of rock	Miner.

1. Died from effects of injuries.
2. He was seen to fall unconscious, and die, while crawling from the face of his room towards his bucket.



NON-FATAL ACCIDENTS IN CRAWFORD COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Days lost.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Jan. 8	30	.....	22	Pittsburg & Midway Coal Co.	Luke Allan, Midway	Run down by trip	Driver.
2	" 13	90	Married.	.....	Central Coal and Coke Co., No. 17.	Thos. McKenna, Nelson	Poor propping	Miner.
3	Feb. 26	3	.....	38	Pittsburg & Midway, No. 4	Mike Cellotto, Midway	Shot blew through cross-cut	Shot-firer.
4	" 26	8	.....	36	" " " " " " " " " " " "	R. F. Carpenter, Midway	" " " " " " " " " " " "	" " " " " " " " " " " "
5	Mar. 16	.....	.....	.....	Western Coal and Mining Co., No. 5.	Randall Williams, Yale	" " " " " " " " " " " "	Miner.
6	" 20	30	.....	.....	Central Coal and Coke Co., No. 17.	Wm. Hayden, Nelson	Caught between dirt-cars	Dirt-stower.
7	May 5	.....	.....	.....	Mount Carmel, No. 5	John B. Tranguoy, Chicopee	Burned by gas lighting powder	Miner.
8	" 6	.....	Single.	.....	" " " " " " " " " " " "	Bert Lance, Chicopee	Eyes kicked out by a mule	Driver.
9	June 9	4	.....	.....	La Belle Coal Co., No. 1	Albert Hubert, Frontenac	Fingers smashed between cars	" " " " " " " " " " " "
10	" 18	7	.....	65	Central Coal and Coke Co., No. 17.	A. Portery, Nelson	Fingers smashed by a coal-car	Miner.
11	" 22	5	.....	30	" " " " " " " " " " " "	Hy. Hall, Nelson	Fingers smashed	Driver.
12	" 22	.....	.....	.....	Mount Carmel, No. 8	Dave Lester, Chicopee	Fall of rock while loading car	Miner.
13	July 30	.....	Single.	19	" " " " " " " " " " " "	Geo. Aselbacher, Frontenac	Fell from moving cars	Driver.
14	Aug. 1	23	.....	31	La Belle Coal Co., No. 1	Thos. Mooshi	Broken bone in hand	Miner.
15	" 6	8	Married.	.....	Central Coal and Coke Co., No. 17.	W. H. Garrett, Nelson	Fall of rock	" " " " " " " " " " " "
16	" 7	54	" " " " " "	.....	Sheridan Coal Co., No. 2	Peck Bivens, Mulberry	Firing shots in sinking shaft	Sinker.
17	" 7	8	" " " " " "	.....	" " " " " " " " " " " "	H. L. Bivens, Mulberry	" " " " " " " " " " " "	" " " " " " " " " " " "
18	" 7	8	" " " " " "	.....	" " " " " " " " " " " "	Richard Medlin, Mulberry	" " " " " " " " " " " "	" " " " " " " " " " " "
19	" 7	5	" " " " " "	.....	Central Coal and Coke Co., No. 17.	John Becker, Nelson	Caught between cars	Driver.
20	" 13	4	Single	.....	" " " " " " " " " " " "	Peter Silvia, Nelson	Fall of rock	Miner.
21	Sept. 10	.....	.....	.....	Western Coal and Mining Co., No. 3.	John Mays (colored)	Fall of rock while loading car	" " " " " " " " " " " "
22	" 19	.....	Married	35	Mount Carmel, No. 6	Gabriel Simmon, Frontenac	Fall of rock	Day man.
23	" 12	10	" " " " " "	.....	La Belle Coal Co., No. 1	Joe Zoogler	" " " " " " " " " " " "	Miner.
24	Oct. 6	.....	.....	.....	Central Coal and Coke Co., No. 15.	Hypolite Leberg, Cambria	Leg caught bet'n car and mule, broken	Driver.
25	" 20	.....	Single.	16	Weir Junction Coal Co., No. 1	Jas. Duffy, jr., Weir	Fall of rock — injured in back	Miner.
26	" 23	26	.....	.....	Central Coal and Coke Co., No. 31.	Andrew Habist, Nelson	Fall of rock	" " " " " " " " " " " "
27	" 27	.....	.....	.....	" " " " " " " " " " " "	Jno. Zenna, Litchfield	Leg broken by fall of slate	" " " " " " " " " " " "
28	" 28	49	.....	.....	" " " " " " " " " " " "	Victor Orislock, Nelson	Car jumped track and broke leg	" " " " " " " " " " " "
29	Nov. 4	.....	.....	.....	Hamilton & Grant, No. 3	Arthur Virgis, Cherokee	Right leg broken by fall of rock	" " " " " " " " " " " "
30	" 11	.....	Widower.	72	Central Coal and Coke Co., No. 27.	Antoni Peternella, Cambria	Hurt by cage	" " " " " " " " " " " "
31	" 15	.....	Married.	37	Mount Carmel, No. 5	Leonis Fozzini, Chicopee	Fall of rock	" " " " " " " " " " " "
32	" 18	.....	.....	.....	Central Coal and Coke Co., No. 37.	James Yager, Nelson	Wedging down coal — hip dislocated	" " " " " " " " " " " "
33	" 18	.....	Single.	.....	Pittsburg Coal Co., No. 1	J. Davis, Englevalle	Windy shot	Shot-firer.
34	" 18	.....	Married.	.....	" " " " " " " " " " " "	J. E. Moier, Englevalle	" " " " " " " " " " " "	" " " " " " " " " " " "
35	Dec. 7	122	Single.	16	Bohen-Darnall Coal Co.	W. Wizzell, Cornell	Leg broken by fall of slate	" " " " " " " " " " " "
36	" 8	.....	Married.	.....	J. R. Crowe & Co., No. 1	Jas. Littler, camp 15	Caught between cage and side of shaft	Miner.
37	" 8	.....	Single.	17	La Belle Coal Co., No. 1	Eddie Beckle	Fall of slate broke collar-bone and 4 ribs	" " " " " " " " " " " "

* He claims he was hurt by a fall of rock on the entry, but it appears that he was hurt firing his own shot.

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INSPECTOR OF COAL-MINES.



NON-FATAL ACCIDENTS IN CRAWFORD COUNTY FROM JANUARY 1 TO JUNE 30, 1904.

No.	Date of accident.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Feb. 3			John Johnson mine.	R. P. Johnson.	Fall of rock	Miner.
2	April 12	Married.		Southern Kansas Coal and Mining Co.	John Wittman.	Injured by cage	Shot-firer.
3	" 19			Devlin & Miller mine.	Fred Culk.	Burned by windy shot or explosion	Miner.
4	May 2			Mount Carmel, No. 6	Joe Marinette.	Injured by fall of slate	"
5	" 26			Western Coal and Mining Co., No. 10.	George Ridley.	Injured in hips by fall of slate	Driver.
6	" 31		18	Mount Carmel, No. 8	Refce Bart.	Knocked down and ear dragged onto him	Day man.
7	June 8			Central Coal and Coke Co., No. 15	Emory Parks.	Shot going off while passing it	Shot-firer.
8	" 16			C. C. Cockerill, No. 12 1/2	J. B. Wade.	Arm broken—caught between cars	Driver.
9	" 20			Mount Carmel, No. 8	Jas. Mackie	Injured by fall of slate	Miner.
10	" 21			Western Coal and Mining Co., No. 7	V. Kerklicher	Leg broken by car jumping track	Driver.
11	" 22			Central Coal and Coke Co., No. 27	Cyrus Cline	Ankle crushed by fall of slate	Miner.
12	" 24			Mount Carmel, No. 6	B. Cornell	Leg broken—caught between cars	Driver.
13	" 24			Wear Coal Co., No. 7	Bert McKee	Shot going off on him	Shot-firer.
14	" 24			Mount Carmel, No. 8	Thos. Lewis	Injured in back and breast by fall of rock	Miner.
15	" 29			Hannister Bros., No. 2	A. Sheren	Fall of rock	Driver.
16	Jan. 18	Single.	53	Mount Carmel, No. 6	C. F. Marks, Frontenac	Hand run over by car	Miner.
17	" 28	Married.	33	" No. 6	John Devine	Fall of rock	"
18	" 3		35	" No. 8	Jas. Conava, Chicopee.	Fall of coal	"
19	Feb. 9			" No. 8	Joseph Sata	"	"
20	April 16		50	Central Coal and Coke Co., No. 17	Frank Theis, Nelson	"	"
21	Mar. 31			Johnson mine.	Wm. Parkins, Pittsburg	Fall of slate	"

BIENNIAL REPORT.



State inspector of coal mines reports

FATAL ACCIDENTS IN LEAVENWORTH COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Date of death.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Feb. 3	Feb. 3	Single.	....	Home-Riverside, No. 1.....	John Badiker, Leavenworth....	Killed by railroad-cars.....	Top man.
2	July 14	July 16	....	....	State mine.....	Wm. Luuk.....	Killed by another convict.....	Miner.
3	Dec. 14	Dec. 14	....	....	Home-Riverside, No. 2.....	Henry Daniels, Leavenworth....	Murdered.....	....

FATAL ACCIDENTS IN LEAVENWORTH COUNTY FROM JANUARY 1 TO JUNE 30, 1904.

1	April 21	April 21	State mine.....	Harvey Daniels (colored).....	Fall of slate.....	Miner.
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1. Convict.

NON-FATAL ACCIDENTS IN LEAVENWORTH COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Days lost.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Jan. 19	70	Married.	40	Carr mine.....	Joe Wise, Richardson.....	Burned by gas.....	Miner.
2	" 19	60	"	27	"	Fritz Wise, Richardson.....	"	"
3	Feb. 14	....	Single.	23	State mine.....	Peter Williams (convict).....	Leg broken by fall of coal.....	"
4	Mar. 3	....	"	25	"	Joe Penning (convict).....	" sulphur.....	"
5	" 23	42	Married.	35	Home-Riverside, No. 2.....	Israel Johnston, Leavenworth....	Caught by canvas.....	Driver.
6	April 22	26	"	45	"	O. D. Myers, Leavenworth....	Fall of slate.....	Miner.
7	Aug. 15	18	Single.	23	"	C. Smith, Leavenworth.....	Hurt by car on pit top.....	Top man.
8	" 22	26	"	30	"	John Naughton, Leavenworth....	Burned by gas.....	Miner.
9	" 22	120	Married.	35	Carr mine.....	H. Kersten, Richardson.....	"	"
10	" 22	60	Single.	19	"	B. Thomas, Richardson.....	"	"
11	" 22	60	"	30	Home-Riverside, No. 2.....	N. Simpson, Leavenworth.....	Caught by cage.....	"
12	" 25	21	Married.	35	"	Wincent Bietka, Leavenworth....	Burned by gas.....	"
13	Oct. 30	....	"	40	"	Leonard Rue, Leavenworth....	Fall of slate—cause, no props.....	"
14	Nov. 3	28	"	28	Carr mine.....	Fred Tiedtka, Richardson.....	Burned by gas.....	"
15	" 7	....	"	40	Home-Riverside, No. 1.....	Frank Piechswick, Leavenworth....	"	"
16	" 20	14	"	35	"	Thos. Gray, Richardson.....	Hurt while working on cage.....	Top man.
17	" 25	12	Single.	24	Home-Riverside, No. 1.....	Mike Gady, Leavenworth.....	Fall of coal.....	Miner.
18	" 30	6	Married.	45	"	J. Marchan, Leavenworth.....	" slate.....	"
19	" 26	18	"	35	Carr mine.....	John Schargen, Richardson.....	" coal.....	"
20	Dec. 1	26	Single.	24	Home-Riverside, No. 1.....	T. Horochowski, Leavenworth....	Burned by gas.....	"
21	" 12	....	"	35	"	James Businski, Leavenworth....	Fall of slate.....	"
22	" 22	"	22	"	Martin McDonald, Leavenworth....	Slipped and fell off box car.....	Top man.

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INSPECTOR OF COAL-MINES.



State inspector of coal mines reports

NON-FATAL ACCIDENTS IN LEAVENWORTH AND OTHER COUNTIES FROM JANUARY 1 TO JUNE 30, 1904.

No.	Date of accident.	Time lost.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Jan. 28	8 weeks....	Married.	56	Carr mine	Robt. Jonecke, Leavenworth.	Burned by gas....	Miner.
2	Feb. 8	3 weeks....	Single.	23	Home-Riverside, No. 1.	Alex. Schultsufski, Leavenworth	" " " " " " " "	"
3	" 11	" " " " " "	"	"	State mine	T. M. Smoke (convict)	" " " " " " " "	"
4	" 16	9 weeks....	Single.	33	Home-Riverside, No. 1.	Geo. Trink, Leavenworth.	Fall of slate	Company man.
5	Mar. 11	" " " " " "	"	"	State mine	Geo. Young (convict)	Burned by gas....	Miner.
6	" 21	5 weeks....	Single.	27	Home-Riverside, No. 2.	J. Podovsky, Leavenworth	" " " " " " " "	"
7	" 24	4 months	"	45	Atchison new mine	Frank Heinz, Atchison	Hurt while timbering shaft.	Sinker.
8	" 29	" " " " " "	"	"	Lansing state mine	John Golden (convict)	" " " " " " " "	Miner.
9	April 7	3 weeks....	Married.	40	Home-Riverside, No. 2.	Abukiski, Leavenworth	Died by gas	"
10	Mar. 21	" " " " " "	"	"	State mine	Newton Meeks (convict)	Fall of coal.	"
11	" 21	" " " " " "	"	"	"	Robt. Deloach (convict)	Burned by gas....	"
12	" 21	" " " " " "	"	"	"	Geo. Carter (convict)	" " " " " " " "	"
13	" 28	8 weeks....	Married.	32	Carr mine	Mike Rudat, Leavenworth	Fall of slate	"

FATAL ACCIDENTS IN LINN COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Date of death.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	Dec. 14	Dec. 14	Married.	45	M. D. Burnett, No. 1.....	Henry Thatcher, Pleasanton.....	Killed by shot	Shot-firer.
2	" 14	" 14	Single.	24	M. D. Burnett, No. 1.	Mac Stone, Pleasanton..	Killed by shot	Shot-firer.

There were no accidents in Linn county from January 1 to June 30, 1904.
There were no fatal accidents in Franklin county.

BIENNIAL REPORT.



State inspector of coal mines reports

FATAL ACCIDENTS IN OSAGE COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Date of death.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	June 16	June 16	.....	.....	Thos. Whitcombe.....	T. A. Griffin, Burlingame.....	Fell out of bucket while being hoisted..	Sinker.
2	Mar. 23	Mar. 23	Married.	25	Bell Coal Company.....	J. E. Boren, Burlingame.....	Killed by switch-engine.....	Weighman.
3	Dec. 17	Dec. 17	"	.....	Nail Hotchkiss mine.....	Anthony Foster, Burlingame ..	Fall of soapstone.....	Miner.

There were no fatal accidents in Osage county from January 1 to June 30, 1904.

NON-FATAL ACCIDENTS IN OSAGE COUNTY FOR THE YEAR 1903.

No.	Date of accident.	Days lost.	Married or single.	Age.	Name of operator and number of mine.	Name and address of person.	Nature of accident.	How employed.
1	.....	.....	.....	.....	Granstrom, No. 5.....	Chas. White.....	Fall of rock.....	Miner.
2	.....	.....	.....	.....	"	Evan Anderson	"	"
3	Nov. —	45	.....	32	Knight & Weston, No. 1.....	Lee Allsworth, Burlingame.....	Leg broken by fall of rock.....	"
4	.....	.....	.....	.....	Henry Isaacs, No. 2.....	Joe Furroth, Scranton.....	Arm broken while setting timber.....	"
5	.....	.....	.....	.....	Robt. Banton.....	Colton Brown.....	"	"
6	April 28	50	Married.	67	John Coughlin, Poterton ..	Howell Richards, Poterton.....	Fall of soapstone.....	"

NON-FATAL ACCIDENTS IN OSAGE COUNTY FROM JANUARY 1 TO JUNE 30, 1904.

1	Mar. —	.....	.....	.....	Mount Carmel, No. 28.....	Eugene Parre	Fall of roof.....	Miner.
2	Mar. —	30	Married.	60	Wm. Urie, No. 3.....	Evo Vandevord, Burlingame ..	Fall of dirt	"



BIENNIAL REPORT.

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[COAL PRODUCTION IN CHEROKEE COUNTY, 1903.]

Office No.....	Name of operator.	Post-office address.	Number of mine.....	Mine boss.
1	Central Coal and Coke Co.....	Weir, and K.C., Mo....	7	Jno. Barr.
2	" " " " " " " " " " " "	" " " " " " " " " " " "	11	Wm. Murray.
3	" " " " " " " " " " " "	" " " " " " " " " " " "	18	T. Scott.
4	" " " " " " " " " " " "	" " " " " " " " " " " "	16	J. B. White.
5	Hamilton Coal and Merc. Co.....	Weir City	2	A. Hamilton.
6	" " " " " " " " " " " "	" " " " " " " " " " " "	3	T. Barnard.
7	" " " " " " " " " " " "	" " " " " " " " " " " "	5	Jas. Ewart.
8	J. R. Crowe Coal and Merc. Co.....	" " " " " " " " " " " "	2	E. Shaw.
9	" " " " " " " " " " " "	" " " " " " " " " " " "	3	R. Luke.
10	" " " " " " " " " " " "	" " " " " " " " " " " "	7	Jno. Mallams.
11	" " " " " " " " " " " "	" " " " " " " " " " " "	8	Fred Green.
12	" " " " " " " " " " " "	" " " " " " " " " " " "	10	Jno. Dunn.
13	Fleming Coal Co.....	Parsons	4	W. Williams.
14	" " " " " " " " " " " "	" " " " " " " " " " " "	5	A. Mason.
15	" " " " " " " " " " " "	" " " " " " " " " " " "	6	E. Wetzie.
16	Southwestern Development Co.....	" " " " " " " " " " " "	6	W. Graham.
17	" " " " " " " " " " " "	" " " " " " " " " " " "	7	F. Ryan.
18	" " " " " " " " " " " "	" " " " " " " " " " " "	8	W. Mallon.
19	" " " " " " " " " " " "	" " " " " " " " " " " "	* 11	Wm. Gresham.
20	Columbus Coal Co.....	Stippville	3	Geo. Henderson.
21	" " " " " " " " " " " "	" " " " " " " " " " " "	4	Jno. Newlands.
22	Fidelity Land and Imp. Co.....	Stone City.....	2	A. C. Haney.
23	" " " " " " " " " " " "	" " " " " " " " " " " "	1	Jno. Dorman.
24	Southern Coal and Merc. Co.....	Scammon	5	J. Maxwell.
25	" " " " " " " " " " " "	" " " " " " " " " " " "	9	G. Jenkins.
26	Mackie Fuel Co.....	" " " " " " " " " " " "	A	Jno. Morton.
27	Gross & Miller Coal Co.....	Weir City	1	Dan Miller.
28	Mayer Coal Co.....	Mineral	1	J. Ryan.
29	Cherokee Coal and Mining Co.....	Cherokee.....	1	G. Stevens.
30	Norton Coal Co.....	Scammon	3	A. Braidwood.
31	Cherokee Crescent Coal Co.....	Parsons	1	Dan Ryan.
32	L. J. Hisle.....	Scammon	Silver Bud.	L. J. Hisle.
33	W. H. Barrett Coal Co.....	Weir City	2	T. McClusky.
34	J. H. Bennett Coal Co.....	" " " " " " " " " " " "	1	Jas. Evans.
35	C. H. Markham Coal Co.....	Scammon	Frog 4.	Ed Kelly.
36	Jenkins Coal Co.....	Weir City	5	O. Manley.
37	Weir Junction Coal Co.....	Cherokee.....	2	J. Archer.
38	Humble Coal Co.....	Weir City	1	Joe Humble.
39	Eureka Deep-vein Coal Co.....	Cherokee.....	8	W. Ray.
40	Eastern Coal and Coke Co.....	Cokedale.....	1	A. H. Francis.
41	B. S. Abbott Coal Co.....	Weir City	Jack-rabbit.	H. Helm.
42	Turck Coal Co.....	Stippville	1	R. Cummins.
43	Larson Bros.....	Weir City	2	A. Larson.
44	John Robertson Coal Co.....	" " " " " " " " " " " "	1	J. Duffy.
45	Elkhorn Coal Co.....	Mineral	1	J. Davidson.
46	Spencer, Skidmore & Stewart.....	Columbus.....	1	E. Bramlett.
47	Pullen Coal Co.....	Scammon	1	J. J. Pullen.
48	Earl & McGregor.....	Columbus, R.F.D. No. 4..	1	Wm. Earl.
49	Hayden Coal Co.....	Weir City	1	Peter Braidwood.
50	Robinson Coal Co.....	Stippville	1	J. Robinson.
51	Pittsburg Coal Co.....	Pittsburg	2	R. Hornbuckle.
52	Jas. Stone.....	Scammon	1	J. Stone.
53	John Clemens Coal Co. †.....	Weir City	1	J. Cunningham.
54	Judge Cheshire.....	Columbus.....	1	1
55	W. H. Barrett †.....	Weir City	1	1
Totals and averages				

* No production given; sunk some time in August.
† One quarter's report.



COAL PRODUCTION IN CHEROKEE COUNTY, 1903 - CONTINUED.

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Office No.	Location of mine.	Railroad connections.	Kind of opening.	Kind of power.	Tons of coal produced.				Average number of employees.					
					Lump	Nut and slack	Mine run.	Total output.	Miners	Boys	Underground	Total underground	Top men	Grand total
1	1 mile north of Scammon	Frisco	Shaft	Steam	62,152	47,373		109,525	99	3	28	130	12	142
2	2 miles southwest of Weir	"	"	"	11,534	12,306		23,840	35		10	45	12	57
3	2 miles northwest of Weir	"	"	"	15,000	16,879	1,907	33,785	44		13	57	9	66
4	1 1/2 miles west of Scammon	"	"	"	94,887	88,111	4,283	187,281	154		27	188	17	205
5	1 1/2 miles northwest of Weir	"	"	"	53,174	64,963		118,137	101		14	115	15	130
6	1/2 mile west of Weir Junction	"	"	"	15,801	19,191	6,065	41,057	36		7	43	7	50
7	1 mile south of East Mineral	M. K. & T.	"	"	1,464	1,791		3,255	30		6	36	9	45
8	1 1/2 miles west of Weir	Frisco	"	"	10,161	7,680	192	18,033	40	2	8	50	5	55
9	2 miles west of Weir	"	"	"	56,415	53,614	1,792	111,821	157	3	17	177	11	188
10	3 miles northwest of Weir	"	"	"	6,755	6,869	733	14,357	23	1	4	28	4	32
11	3 miles south of Scammon	"	"	"	18,968	19,988		38,956	43	1	7	51	7	58
12	2 1/2 miles south of Scammon	"	"	"	20,447	19,347		39,794	44	1	8	53	7	60
13	5 miles southwest of Scammon	M. K. & T.	"	"	9,850	6,027	109	15,986	23		4	27	4	31
14	4 miles southwest of Scammon	"	"	"	7,867	4,149	5,279	17,295	21		4	25	3	28
15	3 miles southwest of Scammon	Frisco	"	"	11,585	12,713		24,298	40		8	48	7	55
16	Mineral	M. K. & T.	"	"	44,180	25,437	3,415	73,032	98		20	118	8	126
17	1/2 mile east of Mineral	"	"	"	80,386	32,721		113,107	120		27	147	11	158
18	1/2 mile south of West Mineral	"	"	"	72,718	38,000	101	110,819	125		18	143	10	153
19	1/2 mile north of West Mineral	"	"	"										
20	Stippville	Frisco	"	"	20,784	20,769	20,285	61,838	65		73	6		79
21	1/2 mile south of Stippville	"	"	"			9,363	9,363	12		4	16	3	19
22	Stone City	M. K. & T.	"	"	10,606	13,461		24,117	21		5	26	5	31
23		"	"	"	35,718	41,895	2,496	80,109	76	2	15	93	8	101
24	1/2 mile south of Scammon	Frisco	"	"			117,067	117,067	114		14	128	15	143
25	1/2 mile south of Scammon	"	"	"			4,785	4,785	38		9	45	8	53
26	2 1/2 miles northwest of Scammon	M. P.	"	"			68,377	68,377	70		11	81	7	88
27	1 mile southwest of Weir	Frisco	"	"			44,318	44,318	60	3	12	75	7	82
28	1 mile south of Mineral	M. K. & T.	"	"	38,584	26,741	23,296	88,624	136	2	14	152	10	162
29	Cherokee	Frisco	"	"	7,881	6,144	1,422	15,447	25		5	30	5	35
30	1 mile west of Scammon	"	"	"			85,040	85,040	75		14	89	13	102
31	West Mineral	M. K. & T.	"	"	3,115	3,208	1,241	7,566	26		6	32	8	40
32	Scammon	None	"	Horse			7,946	7,946	10		4	14	2	16
33	Weir City	Frisco	"	Steam	5,558	1,493	1,027	8,078	11		3	14	5	19
34	2 1/2 miles northwest of Weir	"	"	"			600	600	12		3	15	20	35
35	1 mile south of Scammon	"	"	"	3,830	3,782	700	8,312	20		5	25	5	30
36	1 1/2 miles northeast of Weir	"	Slope	"			10,808	10,808	18	1	4	23	3	26
37	1 1/2 miles southeast of Cherokee	"	Shaft	"			4,062	4,062	15	1	3	19	9	28
38	3 1/2 miles west of Weir	"	"	"			1,950	1,950	24		2	26	2	28
39	3 1/2 miles northwest of Weir	"	"	"	1,576	2,693	503	5,072	30		6	35	5	40
Totals and averages					721,526	568,895	563,791	1,824,212	2,219	33	403	2,642	335	2,977

INSPECTOR OF COAL MINES.

BIENNIAL REPORT.

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COAL PRODUCTION IN CHEROKEE COUNTY, 1903—CONTINUED.

Office No.	Wages paid.			Number of legs of powder....	Gross earnings of miners.....	Gross expense of miners.....	Net earnings of miners.....	Earnings per miner for year	Expense per miner for year
	Mining price, in cents..	Under-day wage.	Top day wage						
1	65-72	2 30	\$1 81	7,493	\$84,699 33	\$18,271 75	\$66,427 58	\$855 54	\$184 56
2	65	2 10	1 75	1,504	17,880 00	3,723 20	14,156 80	510 85	106 37
3	65-72	2 24	1 94	3,100	26,127 06	7,213 55	18,913 51	593 79	163 94
4	65-72	2 22	1 89	12,261	144,830 64	30,140 43	114,690 21	940 45	195 70
5	65-72	2 25	1 77	7,705	91,382 48	18,955 01	72,427 47	904 77	187 67
6	65-72	2 25	1 77	2,700	31,750 74	6,631 71	25,119 03	881 96	184 21
7	72	2 56	2 02	240	2,689 10	577 65	2,091 45	88 97	19 25
8	65	2 10	1 80	934	13,524 75	2,408 99	11,115 76	338 12	60 22
9	65-72	2 19	1 92	7,514	86,474 90	18,382 63	68,092 27	601 87	125 05
10	65-72	2 18	1 70	1,262	11,102 74	2,954 71	8,148 03	482 73	128 46
11	65-72	2 19	1 80	2,352	30,118 24	5,872 38	24,245 86	700 42	136 56
12	65-72	2 19	1 80	2,431	30,774 03	6,055 82	24,718 21	699 41	137 63
13	65-72	2 37	1 85	1,136	12,362 50	2,751 58	9,610 92	537 50	119 63
14	65-72	2 29	1 76	1,099½	13,355 00	2,717 85	10,637 15	635 95	129 42
15	65-72	2 30	1 81	1,960	29,407 00	5,060 75	24,346 25	735 15	126 51
16	65-72	2 35	2 09	5,778	56,091 41	13,731 96	42,359 45	572 36	140 12
17	65-72	2 35	2 09	7,878	87,475 60	19,149 45	68,326 15	728 96	159 57
18	65-72	2 35	2 09	8,364	85,693 84	20,052 33	65,641 51	685 55	160 41
19									
20	65-72	2 43	2 00	3,799	47,491 38	9,453 14	38,038 24	730 63	145 43
21	65-72	2 30	1 83	486	7,240 72	1,252 89	5,987 83	603 35	104 40
22	65-72	2 43	2 05	2,242	18,650 48	5,207 51	13,442 97	828 11	247 97
23	65-72	2 44	2 05	5,785	61,950 96	13,973 27	47,977 69	815 14	183 85
24	65-72	2 24	1 75	7,140	90,531 81	17,792 01	72,739 80	794 13	156 06
25	65-72	2 30	1 81	308	3,682 80	759 55	2,923 25	102 30	21 09
26	65-72	2 32	2 08	4,401	52,878 21	10,853 31	42,024 90	755 40	155 04
27	65-72	2 37	2 05	3,035½	34,272 58	7,400 54	26,872 02	571 20	123 34
28	65-72	2 40	1 83	5,514	68,535 89	13,686 72	54,849 17	503 94	100 64
29	65-72	2 35	1 87	1,328	11,945 68	3,119 41	8,826 27	477 82	124 77
30	65-72	2 25	1 77	5,767	65,733 33	14,084 00	51,649 33	876 31	185 12
31	65-72	2 39	1 88	686	5,874 24	1,599 88	4,274 36	225 93	61 53
32	65-72	2 30	1 81	425	6,144 90	1,088 38	5,056 52	614 49	108 83
33	65	2 25	2 38	571	6,058 50	1,384 34	4,674 16	550 77	125 85
34	Day wage.	2 81	2 25	45					
35	65-72	2 56	2 02	349	6,437 26	947 72	5,489 54	321 86	47 35
36	65-72	2 41	1 92	548½	8,356 64	1,421 18	6,935 46	464 26	78 95
37	72	2 56	2 02	504	3,281 64	1,128 06	2,153 58	218 77	75 20
38	Day wage.	2 40	2 43	250					
39	72	2 56	2 02	515	4,159 04	1,182 16	2,976 88	138 63	39 43
40	65	2 05	1 83	412	3,210 00	952 40	2,257 60	458 57	136 05
41	65-72	2 56	2 02	250	3,402 66	632 00	2,770 66	189 03	35 11
42	65-72	2 22	1 77	328	5,942 29	886 52	5,055 77	495 19	73 86
43	65-72	2 22	1 77	333	3,883 71	816 66	3,067 05	485 46	102 08
44	72	2 56	2 02	400	3,828 58	940 07	2,888 51	212 69	52 22
45	Day wage.	2 65	2 13	90					
46	65-72	2 81	2 50	105	555 96	230 34	325 62	46 33	19 19
47	65-72	2 25	1 82	405	4,680 21	991 56	3,688 65	668 70	141 65
48	65-72	2 18	1 87	409	5,422 61	1,028 36	4,394 25	774 65	146 91
49	65-72	2 26	1 87	150	3,162 93	422 70	2,740 23	316 29	42 27
50	65-72	2 62	2 00	185	4,273 44	535 78	3,737 66	854 69	107 53
51	72	2 56	2 02	125	1,640 00	310 00	1,330 00	164 00	31 00
				122,602½	\$1,398,947 81	\$298,732 21	\$1,100,215 58	\$25,812 99	\$5,438 00



BIENNIAL REPORT.

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COAL PRODUCTION IN CHEROKEE COUNTY, 1903—CONCLUDED.

Office No.	Net earnings per miner for year	Earnings of day men under ground for year	Earnings of day men above ground for year	Net earnings per day man under ground for year	Net earnings per day man above ground for year	Number of days worked	Remarks.
1	\$670 99	\$15,391 60	\$5,191 08	\$549 70	\$432 59	239	
2	404 50	2,257 70	2,247 00	225 70	187 00	107	
3	429 85	6,610 84	3,963 42	508 48	440 38	227	Abandoned June, 1903.
4	744 75	15,704 24	8,418 06	581 64	495 18	262	Very faulty mine.
5	717 10	7,843 50	6,610 95	560 25	440 73	249	
6	697 74	4,504 50	3,506 37	643 50	500 91	266	
7	69 72	460 80	545 40	76 80	60 60	30	New mine.
8	277 90	2,167 20	1,161 00	270 90	232 20	129	Abandoned in June.
9	476 82	10,424 40	5,913 60	613 20	537 60	280	
10	354 27	2,075 36	1,618 40	518 84	404 60	238	
11	563 86	4,307 73	3,540 60	615 37	505 80	281	
12	561 78	4,576 04	3,490 20	572 00	498 60	277	
13	417 87	2,597 52	2,027 60	649 38	506 90	274	
14	506 53	2,482 36	1,430 88	620 59	476 96	271	
15	608 65	3,546 60	3,276 19	591 10	468 02	257	
16	432 24	11,938 00	4,246 88	596 90	530 86	254	
17	569 39	15,925 95	5,770 49	589 85	524 59	251	
18	525 14	10,532 70	5,204 10	585 15	520 41	249	
19							
20	585 20	5,132 16	3,168 00	641 52	528 00	264	
21	498 95	2,033 20	1,213 29	508 30	404 43	221	
22	640 14	3,183 30	2,685 50	636 66	537 10	262	
23	631 28	10,211 40	4,575 60	680 76	571 95	279	
24	638 06	8,421 12	7,140 00	601 50	476 00	272	
25	81 21	724 50	506 80	80 50	63 35	35	Closed down one-half the year.
26	600 36	6,022 72	3,436 16	547 52	490 88	236	
27	447 86	7,081 56	3,573 15	590 13	510 45	249	
28	403 30	9,273 60	5,050 80	662 40	505 08	276	
29	353 05	3,207 75	2,552 55	641 55	510 51	273	
30	691 19	8,662 50	5,627 75	618 75	432 90	275	
31	164 39	1,290 60	1,353 60	215 10	169 20	90	
32	505 66	2,410 40	948 44	602 60	474 22	262	
33	424 92	1,511 25	1,844 50	503 75	368 90	155	
34		969 45	1,035 00	64 63	51 75	23	New mine.
35	274 47	940 40	737 30	188 08	147 46	73	
36	385 31	2,236 48	1,336 32	559 12	445 44	232	
37	143 57	998 40	2,363 40	332 80	262 60	130	New mine.
38		5,990 40	465 50	230 40	232 78	96	New mine.
39	99 23	985 60	777 70	197 12	155 54	77	Old mine reopened.
40	322 52	533 00	1,427 40	266 50	237 90	130	Burned down in September.
41	153 92	1,024 00	606 00	256 00	202 00	100	New mine.
42	421 31	1,181 04	941 64	590 52	470 82	266	
43	383 38	1,154 40	1,380 60	577 20	460 20	260	
44	160 47	832 00	656 50	166 40	131 30	65	New mine.
45		2,671 00	477 12	296 80	238 56	112	New mine.
46	27 13	348 44	310 00	174 22	155 00	62	New mine.
47	526 95	1,057 50	855 40	528 75	427 70	235	
48	627 75	601 68		601 68		276	
49	274 02	949 20	785 40	316 40	261 80	140	
50	747 53	526 62	402 00	526 62	402 00	201	
51	133 00	307 20	242 40	153 60	121 20	60	One quarter's report.
	\$20,375 23	\$215,819 61	\$113,637 04	\$22,927 17	\$18,210 95	9,848	



COAL PRODUCTION IN CHEROKEE COUNTY JANUARY 1 TO JUNE 30, 1904.

Office No.	Name of operator.	Post-office address.	Number of tons of mine.	Mine boss.	Location of mine.	Railroad connections.	Kind of opening.	Kind of power.
1	Central Coal and Coke Company..	Weir, and Kansas City, Mo.	7	John Barr.....	1 mile north of Scammon...	Frisco.....	Shaft.	Steam.
2	"	"	18	Thomas Scott.....	2 miles northwest of Weir...	"	"	"
3	"	"	16	J. B. White.....	1 1/4 miles west of Scammon...	"	"	"
4	Hamilton Coal and Mer. Company.	Weir City.....	2	Wm. Craddock.....	1 1/4 miles northwest of Weir...	"	"	"
5	"	"	3	T. Barnard.....	1/4 mile west of Weir June...	"	"	"
6	"	"	5	J. McGill.....	1 mile southeast of Mineral...	M. K. & T.....	"	"
7	J. R. Crowe Coal and Mer. Co.....	Weir City.....	3	R. Luke.....	2 1/4 miles west of Weir...	Frisco.....	"	"
8	"	"	7	J. Mallam.....	3 miles northwest of Weir...	"	"	"
9	"	"	8	Fred Green.....	3 miles south of Scammon...	"	"	"
10	Fleming Coal Company.....	Parsons.....	10	Jas. Reid.....	2 1/4 miles south of Scammon...	"	"	"
11	"	"	4	W. Williams.....	1 mile west of Turck.....	M. K. & T.....	"	"
12	"	"	5	August Mason.....	1 mile west of Turck.....	"	"	"
13	Southwestern Development Co....	Parsons.....	6	J. W. Bullock.....	1 mile north of Turck.....	Frisco.....	"	"
14	"	"	6	Wm. Graham.....	Mineral.....	M. K. & T.....	"	"
15	"	"	7	F. Ryan.....	1/4 mile east of Mineral.....	"	"	"
16	"	"	8	W. Maylan.....	1/4 mile so. of West Mineral...	"	"	"
17	"	"	11	W. C. Gresham.....	1/2 mile no. of West Mineral...	"	"	"
18	Columbus Coal Company.....	Stippville.....	3	G. Henderson.....	1 mile southwest of Turck...	Frisco.....	"	"
19	"	"	4	J. Newlands.....	1 1/4 miles south of Turck...	"	"	"
20	Fidelity Land and Imp. Company.	Stone City.....	1	J. Dorman.....	Stone City.....	M. K. & T.....	"	"
21	"	"	2	M. Wagner.....	"	"	"	"
22	Southern Coal and Mer. Company.	Scammon.....	2	J. Maxwell.....	1/4 mile south of Scammon...	Frisco.....	"	"
23	"	"	9	G. W. Jenkins.....	1/2 mile southeast Scammon...	"	"	"
24	Mackie Fuel Company.....	Scammon.....	A	J. Morton.....	2 1/4 miles N. W. of Scammon...	Mo. Pac.....	"	"
25	Gross & Miller Coal Company.....	Weir City.....	1	T. H. Miller.....	1 mile southwest of Weir...	Frisco.....	"	"
26	"	"	Frog 2	Ned Miller.....	1/4 mile south of Scammon...	"	"	"
27	John Mayer Coal Company.....	Mineral.....	1	J. Humble.....	1 1/2 miles southeast Mineral...	M. K. & T.....	"	"
28	Cherokee Coal and Mining Co....	Cherokee.....	1	G. Stevens.....	1/2 mile south of Cherokee...	Frisco.....	"	"
29	Norton Coal Company.....	Scammon.....	3	A. Braidwood.....	1 mile west of Scammon...	"	"	"
30	Cherokee Crescent Coal Company.	Parsons.....	1	Dan Ryan.....	West Mineral.....	M. K. & T.....	"	"
31	Ed. Kelly Coal Company.....	Scammon.....	1	E. Kelly.....	Scammon.....	Frisco.....	"	Horse.
32	Sunflower Coal Company.....	Weir City.....	Silver Bud.	E. Curtis.....	1/2 mile north of Scammon...	"	"	"
33	J. H. Bennett Coal Company.....	"	Sunflower.	Jas. Evans.....	1 1/2 miles northwest of Weir...	"	"	Steam.
34	J. H. Jenkins Coal Company.....	"	5 and 6	Geor. Kanley, B. Jenkins.....	1 1/2 miles northeast of Weir...	"	Slope.	"
35	Weir Junction Coal Company.....	Cherokee.....	2	E. Shaw.....	2 miles southeast Cherokee...	"	"	"
36	J. Humble Coal Company.....	Weir City.....	Norton's No. 4.	Thos. Humble.....	3 miles west of Weir.....	Frisco.....	Shaft.	Steam.
37	Eureka Deep-vein Coal Company..	Cherokee.....	1	J. W. Ray.....	2 miles southwest Cherokee...	"	"	"
38	Nevins Fuel Company.....	Stippville.....	2	J. Glades.....	Near Stippville.....	"	"	"
39	B. S. Abbott Coal Company.....	Weir City.....	1	H. Helm.....	1/4 mile north of Weir.....	"	"	"

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INSPECTOR OF COAL-MINES.



40	Turek Coal Company	Stippville	1	R. Cummings	Turek	Frisco	Shaft.	Horse.
41	Larson Bros	Weir City	1	L. A. Larson	2 1/4 miles southwest of Weir.	None .....	..	Steam.
42	J. W. Robertson Coal Company ..	Weir City	2	Jas. Duffy	1 mile south of Weir.	..	..	..
43	Elkhorn Coal Company	West Mineral	1	J. P. Davison	1/4 mile northeast of Folsom.	Mo. Pac. ....	..	..
44	Roseland Coal and Mer. Company.	Roseland	Star.	J. A. Frere	1 1/4 miles ..	Frisco .....	..	Horse.
45	Pullen Coal Company	Scammon	1	W. H. Holman	3/4 mile north of Scammon.	Frisco .....	..	..
46	Earl & McGregor Coal Company...	Columbus, E. F. D. No. 4.	1	Peter Braidwood ..	3 miles north of Columbus.	None .....	..	..
47	A. L. Hayden Coal Company	Weir City	2	J. Robinson	2 miles southwest of Weir.	..	..	..
48	Robinson Bros.	Stippville	1	..	1/4 mile south of Stippville ..	..	..	..
49	Pittsburg Coal Company	Cherokee	5	Jno. Davis	1/4 mile south of Cherokee.	Frisco	Shaft.	Horse.
50	Davis Bros.	Weir City	2	..	2 1/4 miles northeast of Weir.	None	Slope.	..
51	M. O. French Coal Company	Scammon .....	..	..	Scammon	Frisco	Strippits	..
52	James Stone	Pittsburg .....	..	..	1 mile southeast of Weir.	None .....	..	..
53	Clemens's strip pits	Columbus .....	..	..	1 1/4 miles southeast Mineral.	..	..	..
54	Judge Cheshire .....	..	..	..	..	..	..	..
Totals and averages .....		..	..	..	..	..	..	..

BIENNIAL REPORT.



COAL PRODUCTION IN CHEROKEE COUNTY, JANUARY 1 TO JUNE 30, 1904 — CONTINUED.

Office No.	Tons of coal produced.				Average number of employees.					
	Lump.	Nut and slack	Mine run...	Total output...	Miners....	Boys.....	Under-ground day men.	Total under-ground.	Top men....	Grand total.....
1	22,072	17,489		39,511	93	2	29	118	12	130
2	8,168	10,223		18,391	45	0	11	56	8	64
3	33,401	33,824	774	67,997	185	3	29	217	17	234
4	14,616	17,864		32,480	65	0	9	74	11	85
5	9,207	11,255	44	20,506	35	0	7	42	8	50
6	8,732	10,673		19,405	50	0	9	59	12	71
7	24,992	24,793	200	49,985	156	2	20	178	11	189
8	7,263	6,794	470	14,527	39	0	6	45	5	50
9	8,490	9,491		17,981	52	1	9	62	7	69
10	10,684	10,355		21,039	57	0	10	67	7	74
11	11,160	5,652		16,813	52	0	7	59	7	66
12	7,714	5,120	736	13,570	42	0	5	47	7	54
13	2,734	2,365	477	5,580	25	0	5	30	6	36
14	27,082	15,210	298	42,590	92	0	17	109	7	116
15	41,506	13,845		55,351	123	0	23	146	11	157
16	37,802	20,102		57,904	137	0	18	155	11	166
17	7,348	5,378		12,726	31	0	5	36	5	41
18	17,678	14,393	3,627	35,698	67	3	6	76	8	84
19			6,237	6,237	9	0	3	12	3	15
20	20,170	25,670		45,840	102	3	13	118	8	126
21	6,398	8,144		14,542	132	0	5	137	4	141
22			68,996	68,996	157	1	16	174	13	187
23			5,192	5,192	50	0	8	58	7	65
24			31,799	31,799	71	1	11	83	6	89
25			11,853	11,853	35	1	8	44	6	50
26	1,934	1,625	3,826	7,385	22	0	5	27	5	32
27			14,845	14,845	125	3	14	142	9	151
28	4,645	3,808	505	8,958	40	0	7	47	6	53
29	31,320	20,160		51,480	132	0	22	154	12	166
30	12,365	8,252	591	21,208	65	0	8	73	10	83
31			1,799	1,799	9	0	2	11	1	12
32	110	32	568	710	2	0	1	3	1	4
33	2,832	2,639	266	5,737	19	0	3	22	4	26
34			4,360	4,360	16	1	6	23	5	28
35	4,457	4,555	2,679	11,691	18	0	4	22	4	26
36			5,431	5,431	12	1	3	16	3	18
37	4,154	4,595		8,749	23	0	4	27	3	30
38			4,461	4,461	13	0	2	15	3	18
39	3,107	1,938		10,045	30	0	4	34	4	38
40			3,110	3,110	12	0	2	14	2	16
41			2,815	2,815	9	0	3	12	5	17
42			7,374	7,374	34	0	6	40	5	45
43			1,160	1,160	4	0	2	6	2	8
44	4,500	4,500		9,000	27	0	4	31	6	37
45			7,535	7,535	18	0	4	22	3	25
46			1,619	1,619	4	1	1	6	0	6
47	473	455	3,849	4,777	11	1	3	15	1	16
48			1,200	1,200	3	0	0	3	0	3
50	800	400		1,200	10	1	2	13	2	15
51			1,037	1,037	4	0	1	5	1	6
52	285		3,445	3,730						
53			2,000	2,000						
54			300	300						
	398,199	321,549	210,478	930,236	2,564	25	396	2,985	304	3,288