

State inspector of coal mines reports

Section 134, Pages 3991 - 4020

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 Inspection Department.

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MINE INSPECTIONS AND INVESTIGATIONS—CONCLUDED.

W. F. McGavran, December, 1928.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Dec. 3	Ridge Coal Co.		Special	8
2	4	Arkan Coal Co.		Special	7
3	5	Republic Coal Co.		Special	20
4	6	Gross "C" Coal Co.		Scale	10
5	10	R. S. & Q. Coal Co.		Special	10
6	11	Last Chance Coal Co.		Special	14
7	12	Clean Coal Co.		Special	16
8	13	Monarch Coal Co.		Special	20
9	17	Forest Coal Co.		Special	7
10	18	Arkan Coal Co.		Special	18
11	19	Buck Coal Co.		Special	22
12	20	G. H. & B. Coal Co.		Special	10
13	24	North Weir Coal Co.		Special	15
14	27	Western Coal & Mining Co.	22	Special	5
15	28	Motor Coal Co.		Special	6
Total miles traveled					198
Total number of accident investigations					0
Total number of special inspections					14
Total number of general inspections					0
Total number of scale inspections					1
Total inspections and investigations					15



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KANSAS COAL-MINE DIRECTORY.

TABLE OF CONTENTS.

1. Alphabetical list of coal companies, arranged, by counties into deep mines and strip mines.
2. Mine numbers.
3. Post-office address of main or local office.
4. Name of superintendent.
5. Location of mine, showing section, township and range; distance in miles and direction from cities or towns.
6. Railroad connections.
7. Kind of opening.
8. Kind of hoist.
9. Depth of mine.
10. Average height of coal.
11. Remarks.



FATAL ACCIDENTS

FOR THE YEAR ENDING DECEMBER 31, 1928.

1. (Investigated by Sherwood.) AUGUST MORETTI was fatally injured at the Gubbio Coal Company on June 5, 1928, at about 10 o'clock, by fall of rock. Moretti and two other fellow men were cleaning up an old entry, and Moretti was switching empties at the switch when the rock fell on him. The rock that fell on him was 10 feet long, 6 feet 6 inches wide and 12 inches thick on one side, and tapered to 3 inches in thickness on the other side.

2. (Investigated by Sherwood.) ANTONE ARBORI, miner, was killed at the Frontenac-Pittsburg Coal Company on June 22, 1928, at about 10:45 a.m. Mr. Arbori was working in the third room in the seventh north back entry on the east side. He had started to load a car and had about fifteen shovels of coal in the car, when the rock fell on him, killing him instantly. It was 3 feet from the inside edge of the rock, and it was 10 feet from the outside edge of the rock to the nearest prop set. On the left side of the track, and 19 feet to the nearest prop set on the right side of the track, there was a shot standing in the center at the face. Mr. Arbori was 56 years of age, and is survived by a widow and six children.

3. (Investigated by Sherwood and Glennon.) LOWELL LIVINGSTON was fatally injured on July 1, 1928, at the Modern Coal Company steam shovel at about 4 o'clock p.m. Mr. Livingston died on July 2, 1928. He was employed as a shot firer and bank shooter, and was shooting banks when the accident happened. Mr. J. F. Beebe was helping him, and they had primed the hole with dynamite and then poured one keg of black powder into the hole and stepped back 8 or 10 feet from the hole to get another keg of powder. Mr. Beebe had just stooped over to open a keg of powder when he heard the shot go off, and as he raised up he saw Mr. Livingston laying on the ground about 6 or 8 feet from the hole. He had no burns of any kind, but had a cracked skull. Mr. Livingston was 38 years of age and was married, and is survived by a widow and one child.

4. (Investigated by Sherwood.) ANTHONY OZAROUKIECZ, shoveler, was killed at the Home-Riverside Coal Company, located at Leavenworth, Kan. The accident occurred on September 17, 1928, at about 11:15 a.m. Mr. Ozaroukicz was employed as a shoveler behind a machine. The accident occurred in the sixteenth south entry in a new room off the sixteenth south. The room was driven up a distance of 40 feet. The man was covered up with a fall on the left-hand side about 12 feet from the road head; and George Walker, a shoveler, who was next to him, was also covered up by the fall of roof, but there were no bones broken. The fall of rock was about 14 inches thick in the thickest place, 12 feet long and 5 feet wide. The rock fell without any warning, as there was no slip or defect in the roof. Mr. Ozaroukicz was 48 years of age, married, and leaves a widow and eight children.

5. (Investigated by Shaw.) LEONARD AYERS, a miner, was instantly killed by fall of rock at about 9:30 a.m., October 4, 1928, at No. 21 of the Western Coal and Mining Company, in room No. 8, second east straight entry. Mr. Ayers was in the act of cleaning off his switch when the rock fell on him. The rock was 11 feet 6 inches long, 3 feet 9 inches wide and about 9 inches thick. The rock fell in the room neck across his switch. There were two props set in position and several other props of suitable length at hand. It was 20 feet from the entry rail to the face of the room.

6. (Investigated by Shaw.) SAM OWENS, coaler, was fatally injured at about 3:30 p.m. on November 12, 1928, at the Southern Kansas Coal Company steam shovel, No. 10. At the time Mr. Owens was injured, he was assist-

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ing the shovel engineer in removing the bull wheel. He was sitting astride one of the spokes of the bull wheel holding a bolt for the engineer to remove a nut when in some manner the swing engine started in motion and before the engineer could reach his station the bull wheel spoke caught Mr. Owens' legs, severing his right leg above the knee and badly mangling his left leg. Mr. Owens was rushed to Mt. Carmel hospital, where he died at 4 a.m. the following morning. Mr. Owens was 33 years of age, and is survived by a widow and one child.

7. (Investigated by Sherwood and Glennon.) C. E. KING, coal driller, was instantly killed at the Kelly-Carter Coal Company steam shovel on November 16, 1928, at 10:30 a.m. Mr. King was told to go up on top and shut the power off the air compressor. He climbed the high wall on a rope and went over to the switch, about 100 yards from the pit, and when he did not return after ten minutes' absence, a search was made for him. He was found lying at the switch, face down and his head turned to the east. He had evidently stepped on a log that was laying at the bottom of the pole the switch was on, and he slipped and came in contact with a naked part of the switch. This switch was of the open type and a knife switch, which was about 5 feet from the ground. It was recommended that all open-type switches be taken out and closed switches put in. Mr. King was about 45 years of age, and is survived by a wife and eight children.

8. (Investigated by Miller.) Prisoner Cunningham was killed in the Kansas State Penitentiary mine on December 6, 1928, at about 11 a.m. He was killed in his working place in room 159, division No. 10, by fall of rock, which was 4 feet wide and 5 feet thick. He was found on the left rib of the road, with his head toward the road and his body extending down the face of the entry. Cunningham was covered by several tons of slate, and though this kind of an accident could happen in this mine at any time, it should be seen that plenty of props are set.



NONFATAL ACCIDENTS

REPORTED TO THIS OFFICE DURING THE YEAR 1928.

JANUARY.

B. and H. Coal Company.

1. Robert Adamson, miner; sprained his back by lifting loaded car; January 16, 1928.

Cowan Coal Company.

2. (Investigated by McGavran.) Frank Harbort, dayman; injured at the Cowan Coal Company on January 23, 1928, in the second north straight off east. Mr. Harbort was in the act of setting up timbers when a rock fell on him. The rock was 8 feet long, 5 feet wide and 3 inches thick. The rock struck him on the head, which threw him against the rib, cutting him over the right eye, nose and lip.

Central Coal and Coke Company, Mine No. 51.

3. Matt Utz, miner; bruised left knee while pushing a loaded car; January 3, 1928.
4. Fernand Brugere, miner; bruised forehead when he slipped on wash house floor and hit his head; January 4, 1928.
5. Mike Defrance, miner; foreign body in right eye while tamping off shot; January 5, 1928.
6. Tony Simoncie, miner; bruised right knee while pushing car; January 6, 1928.
7. Cal Martin, miner; sprained knee while pushing pit car; January 6, 1928.
8. Ignatz Jersic, miner; bruised left knee by coal fall; January 6, 1928.
9. J. L. Thomas, miner; sprained right knee while pushing car; January 9, 1928.
10. Fred Statham, miner; sulphur in right eye while cutting coal; January 10, 1928.
11. F. Murrill, miner; coal in right eye while mining off shot; January 12, 1928.
12. Frank Haskett, miner; bruised right foot by pit-car wheel; January 16, 1928.
13. Trace Conrad, miner; bruised back by being squeezed between car and horseback; January 16, 1928.
14. Joe Kelley, miner; bruised second finger of right hand by being caught in drill and stand; January 20, 1928.
15. Joe Appino, miner; foreign body in left eye while mining off shot; January 23, 1928.
16. John Schautz, miner; left shoulder, arm and side injured by fall of rock; January 24, 1928.
17. James Colleti, miner; both knees bruised on bottom while loading car; January 30, 1928.

Dittman and Wachter Coal Company, Mine No. 2.

18. L. Bresniker, miner; bruised foot; January 23, 1928.

Fern Brothers Coal Company.

19. (Investigated by Glennon.) Tom Slick, miner; injured by fall of rock on January 9, 1928, at the Fern Brothers Coal Company on the south side of the sixth working room. The room was 17 feet at the outside edge of the rock. It was 15 feet wide at the face and 13 feet from the face to the nearest prop

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that was set. There were three props on the right side of the place, and the crack was on the left rib or 4 feet from rib. The rock was about 7 feet long, 10 feet wide and would average 2 inches in thickness, and broke in five pieces. There were two props under the rock, also a post and thread bar.

McClure Coal Company.

20. James E. Lucas, driver; foot caught under loaded trip and sprained ankle; January 16, 1928.

Miners and Shippers Coal Company.

21. (Investigated by Glennon.) Ed Shipman, miner; injured at the Miners and Shippers Coal Company on January 23, 1928, at about 1 p.m. Shipman was working in the first working room in the stub entry off the southwest. He was working at the face of his room mining off a shot when a rock fell on him striking him on the head, shoulders and back. Two of the vertebrae in his back were bruised. The rock was 5 feet long, 4 feet wide and about 6 inches thick at the thickest point, but would average about 3 inches thick over all. The room was 12 feet 9 inches wide at the face. The room was in about 25 feet from the entry rail.

Morgan Coal Company.

22. Walter Caldwell, miner; foot injured by being struck by pick; January 18, 1928.

Western Coal and Mining Company, Mine No. 20.

23. Kenneth Johnson, miner; finger caught between bumper of car and piece of coal; January 3, 1928.

24. George Gaines, miner; thumb of left hand bruised; January 9, 1928.

25. Charlie Cuning, miner; right wrist injured; January 11, 1928.

26. John Martin, miner; right finger bruised; January 12, 1928.

27. Robert Moore, miner; right eye injured; January 12, 1928.

28. Francis Pennich, tracklayer; left eye injured; January 13, 1928.

29. John Both, miner; third finger of left hand injured; January 16, 1928.

Western Coal and Mining Company, Mine No. 21.

30. Roy Bennett, miner; first toe of right foot injured; January 15, 1928.

31. Hugh Harrigan, miner; left eye injured; January 20, 1928.

Western Coal and Mining Company, Mine No. 22.

32. Joe Scepansky, driver; left eye injured; January 6, 1928.

33. Joe Trebalski, miner; left side strained; January 9, 1928.

34. Tony Tashietoch, miner; right hand swollen; January 11, 1928.

35. Vincent Montimurro, miner; left knee bruised; January 17, 1928.

36. John Loth, miner; right eye injured; January 25, 1928.

37. Paul Russian, miner; back strained; January 25, 1928.

38. Earl Hardin, miner; middle finger of left hand injured; January 28, 1928.

Western Coal and Mining Company, Mine No. 24.

39. Louis Caput, miner; small bone in left ankle injured; January 23, 1928.

Wilbert and Schreeb Coal Company, Mine No. 3.

40. George Jameson, driver; sprained side by slipping on rail; January 6, 1928.

41. Charley Blake, miner; hand bruised by being struck by pick handle; January 12, 1928.

42. William Augle, timberman; a slab of rock fell and bruised shoulder; January 23, 1928.

43. Charley Blake, miner; eye and lip injured by falling down; January 23, 1928.

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Public Service Commission.

FEBRUARY.

B. and H. Coal Company.

44. John Hardesty, miner; injured at the B. and H. Coal Company; back and hip sprained by pulling loaded car from room; February 22, 1928.

Central Coal and Coke Company, Mine No. 51.

45. Louie Toschi, miner; badly mashed right thumb by fall of coal; February 1, 1928.

46. Joe Fately, rock engineer; sawdust in right eye while handling box of dynamite; February 2, 1928.

47. Mike Morris, miner; cut on head and left shoulder by fall of rock; February 2, 1928.

48. Bert Galloway, team driver; fracture to proximal phalanx of left thumb by being caught underneath timber; February 3, 1928.

49. Jake Wettstein, miner; left shoulder bruised by fall of rock; February 3, 1928.

50. Ernest Pencil, cager; cut on right eye by being kicked by mule; February 4, 1928.

51. Victor Leroy, rope rider; bruised right elbow by striking it against roof; February 7, 1928.

52. F. H. Casebeer, shot firer; bruised right hip while crawling through cross-cut; February 8, 1928.

53. James Kelly, miner; cut on head, bruised right hand by fall of rock; February 9, 1928.

54. George Gibson, Jr., miner; claimed injured back and abdomen by fall of rock; February 14, 1928.

55. L. Huffman, miner; sulphur in right eye while mining off shot; February 15, 1928.

56. George Terrill, miner; bruised right hand by being caught between car and chunk of coal; February 15, 1928.

57. John Long, timberman; fractured finger near first joint, while timbering; February 20, 1928.

58. George Zedrick, Jr., miner; bruised right knee; February 21, 1928.

59. Wm. Thomas, miner; rock in left eye while digging up bottom; February 23, 1928.

60. Wm. Hartog, mule man; wire wound in right foot caused from stepping on jagged end of old wire rope; February 25, 1928.

61. Mark Kelly, miner; claims sprain in right arm and shoulder while pushing pit car; February 27, 1928.

62. Pat Griffin, timberman; bruised big toe on right foot while pulling down rock; February 29, 1928.

63. George Holt, miner; foreign body in left eye while cutting coal; February 29, 1928.

Central Coal and Coke Company, Mine No. 112.

64. Chas. Richmond, shovel engineer; affected eyes by reflection of light while using electric welder; February 14, 1928.

McClure Coal Company, Mine No. J.

65. A. C. Wallace, miner; finger torn off by being caught between cars; February 7, 1928.

The Three Coal Company, Mine No. 3.

66. Sam S. Boone, miner; sprained back while shoveling rock; February 6, 1928.

Western Coal and Mining Company, Mine No. 20.

67. John Cressent, driver; toe of left foot bruised; February 9, 1928.

68. Howard Mahanes, blacksmith; left eye injured; February 9, 1928.

69. Frank Orlando, miner; left foot injured; February 3, 1928.

70. Matt Krantz, miner; sprained back; February 15, 1928.



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Western Coal and Mining Company, Mine No. 22.

- 71. Frank Keegan, yardman; left hand swollen; February 7, 1928.
- 72. Thomas Moffatt, driver; kicked by mule; February 22, 1928.
- 73. Joe Burgin, driver; finger of right hand badly cut; February 22, 1928.
- 74. Vincent Pentola, miner; eye injured by falling against car; February 27, 1928.
- 75. Vincet Pentola, miner; eye injured by slipping and falling; February 27, 1928.

Western Coal and Mining Company, Mine No. 24.

- 76. John Roycht, miner; left eye slightly injured; February 16, 1928.
- 77. Jess Wohlfred, shot firer; left side head slightly injured; February 21, 1928.
- 78. Orlando Paffe, miner; kicked by mule, February 27, 1928.

Wilbert and Schreeb Coal Company, Mine No. 3.

- 79. Steve Siner, miner; bruised face and head by fall of rock; February 6, 1928.

MARCH.

Base Line Coal Company, Mine No. 9.

80. (Investigated by Sherwood.) Henry Conner, miner, was injured at the Base Line Coal Company on March 16, 1928, at about 9:20 a. m., in the first working room sixth west back off main north. Room was 20 feet wide at face and was 25 feet from face on right hand side. The rock measured 5 feet long, 5 feet wide and about 6 inches in thickness. Connor was in the act of timbering this rock when it fell on him. He was injured about the legs and feet.

Central Coal and Coke Company, Mine No. 51.

- 81. Harry Burch, miner; sprained right wrist while pushing pit car; March 5, 1928.
- 82. William O'Brien, miner; bruised back by fall of rock; March 6, 1928.
- 83. Fred Griffiths, miner; sprained left wrist while pushing loaded car; March 6, 1928.
- 84. Wm. Allen, miner; bruised second finger of right hand while trying to shorten hitching of a trip; March 7, 1928.
- 85. (Investigated by Glennon.) J. L. Cook, miner, was injured by fall of rock at the Central Coal and Coke Company, Mine No. 51, on March 8, 1928, at about 10:30 a. m., in the third working room in the second north back off the seventh east first south on the east side. He was loading a car and was back 16 feet 6 inches when the rock fell on him, striking him on the head. The rock was 3 feet 10 inches long, 4 feet 10 inches wide and 5 inches thick in the center. The room was 12 feet 3 inches wide at this point. The road was on the left side of the place where he was injured. Cook was injured by being badly cut on forehead, small cut on back of head and bruised neck.
- 86. Victor Liro, section hand; third finger mashed by being caught between rails; March 8; 1928.
- 87. Bert Read, hoisting engineer; foreign body in left eye while cleaning scale out of pump; March 9, 1928.
- 88. Victor Leroy, rope rider; hernia on both sides while lifting on loaded pit car; March 13, 1928.
- 89. George Gibson, Sr., miner; strain in left knee while pushing car; March 21, 1928.
- 90. Frank Simonic, miner; foreign body in right eye while mining off shot; March 21, 1928.
- 91. Leon Daniauz, miner; contusion over the dorsum of right foot, caused by fall of rock; March 27, 1928.
- 92. George Edwards, miner; cut little finger of left hand while bending a rail; March 27, 1928.

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Public Service Commission.

93. Robert Willan, miner; left hip bruised while pushing car out of room; March 27, 1928.

94. Vic Duthy, miner; foreign body in right eye while mining off shot; March 29, 1928.

Central Coal and Coke Company, Mine No. 112.

95. John Fleming, locomotive engineer helper; contusion of right shoulder when squeezed through shoulder and chest; March 26, 1928.

Fern Brothers Coal Company.

96. (Investigated by Glennon.) J. W. Glenn (colored) was injured at the Fern Brothers Coal Company on March 7, 1928, at about 8:30 a. m. Mr. Glenn was employed as a miner and was riding in from the bottom on the first motor trip, and was riding on top of a car of ties when the trip came to a point 7 feet from the latch off the switch on the outside end of the parting. Mr. Glenn was caught on the side of the entry and in some manner his leg was broken.

McClure Coal Company, Mine No. J.

97. Thomas Patterson, miner; cut on head by fall of rock; March 27, 1928.

Reidy Coal Company, Mine No. 8.

98 and 99. (Investigated by Glennon.) John Flynn, gasman, and K. Maniez were injured at the Reidy Coal Company Mine No. 8 on March 5, 1928, at about 8:30 a. m. by fall of rock. Maniez was working in a room, the first room off the third west back entry off the second south, and Flynn was cleaning a fall of rock in this same room, when a rock fell catching both men. The rock was 6 feet 8 inches long, 6 feet 10 inches wide and about 4 inches thick. The entry was 89 feet from the face and the coal is 3 inches high.

Western Coal and Mining Company, Mine No. 20.

100. Joe Camaretti, miner; sprained back while pushing a loaded car; March 13, 1928.

101. Joe Dechario, miner; back sprained; March 13, 1928.

102. George Deverse, miner; right eye bruised; March 14, 1928.

103. Pete Baratone, motorman; left knee bruised; March 19, 1928.

Western Coal and Mining Company, Mine No. 21.

104. James Lyons, driver; left knee and right thigh and abdomen bruised by being kicked by mule; March 12, 1928.

Western Coal and Mining Company, Mine No. 22.

105. Eugene Scasselletti, miner; palm of right hand swollen; March 1, 1928.

106. John Kosir, miner; right cheek cut; March 18, 1928.

107. Joe Ganko, miner; back of left hand injured while mining coal; March 18, 1928.

108. Joe Ruder, miner; toes of left foot crushed; March 13, 1928.

109. Felix Laqueau, miner; sprained back; March 19, 1928.

Western Coal and Mining Company, Mine No. 24.

110. Arson Gasteaux, miner; shoveling back rock and slightly injured his back; March 2, 1928.

APRIL.

Central Coal and Coke Company, Mine No. 51.

111. Gerardo Garcia, section hand; fracture of the third and fourth toes of right foot; April 9, 1928.

112. Bert Read, carpenter helper; foreign body in left eye while letting timber down; April 10, 1928.

113. Ernest Rogers, carpenter; foreign body in left eye; April 18, 1928.

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Central Coal and Coke Company, Mine No. 112.

114. D. W. Davis, yardman; first three fingers of right hand bruised by being caught under car; April 19, 1928.

Gross Coal Company No. C.

115. (Investigated by McGavran.) Roy Smith, miner; was injured at the Gross C Coal Company on April 17, 1928, at about 10:30 a. m., in the second on the main east in the last working place. The room was in 26 feet and was 16 feet wide. Smith was injured by fall of rock which was 12 feet long, 8 feet wide and about 16 inches thick.

Mine Creek Coal Company.

116. Fred Endicott, machine runner; back injured by fall of rock; April 9, 1928.

Morgan Coal Company.

117. Alex Mark, miner; chest and head injured by being caught between cars; April 10, 1928.

MAY.

Central Coal and Coke Company, Mine No. 51.

118. George Frazer, sulphur picker; right foot injured by being caught between two pit cars; May 2, 1928.

119. Albert Magee, trackman; dislocated left hip; May 3, 1928.

120. C. P. Kirk, craneman; right elbow bruised by being struck by frame; May 25, 1928.

McClure Coal Company.

121. Louis Bergman, miner; bruised breast and leg by fall of rock; May 1, 1928.

JUNE.

M. and P. Coal Company.

122. (Investigated by Sherwood.) George Gazany, coal loader, was injured at the M. and P. Coal Company on June 4, 1928, at about 8 a. m. by premature blast. He had drilled a hole in the coal and was in the act of firing same when a short fuse caused a premature blast. He was seriously injured, losing the sight of the left eye. Recommendations were left advising that no more fuse be used in shooting, but that a battery be used to fire all shots in strip mines in the future.

JULY.

Penrod Coal Company.

123. (Investigated by Shaw.) Troy Finney, machine runner, was injured at the Penrod Coal Company on July 31, 1928, at about 11 a. m. He was in the act of sumping when the jack slipped, allowing the machine to kick out the cutlet chains, thereby catching his clothing and pulling him into the cutlet bits. Finney suffered a mangled right hand and a badly cut knee.

AUGUST.

Home-Riverside Coal Mines Company.

124. John Chismor, miner; finger broken by fall of coal; August 28, 1928.

Kelley-Carter Coal Company.

125-29. (Investigated by Sherwood.) Wilbur Brann, Frank Yasbec, George Ellis, Howard Barker and Joe Miebata were injured in an explosion. Details may be read under the heading "Explosions."

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SEPTEMBER.

Cofflin Coal Company.

130. (Investigated by Sherwood.) Harvey Houston, miner, was injured at the Cofflin Coal Company on September 21, 1928, at about 11:30 a. m. by fall of rock. He worked in room No. 2 off the northeast room, and was up 40 feet from the entry. The room was 24 feet wide. The rock which fell was 7 feet long, 4 feet 5 inches wide and 3 inches thick.

Mine Creek Coal Company.

131. Edward Stephen, miner; injured by fall of rock; September 14, 1928.
132. Alf. Newell, machine helper; left ankle injured by fall of rock; September 25, 1928.

Home-Riverside Coal Mines Company.

133. George Walker, machine shoveler; head and shoulder bruised by rock fall; September 17, 1928.
129. Louis Nito, loader; slight cuts on arm and side by being caught between car and rib; September 19, 1928.

Sun Gold Coal Company.

134. (Investigated by Shaw.) Frank Sposito, miner, was injured by fall of rock at the Sun Gold Coal Company on September 13, 1928, at about 1 p. m., in the first west off the first north entry. Sposito was in the act of drilling a hole when the rock fell on him, bruising his right side, shoulder and hip. The rock that fell on him was a pot rock, 6 feet long, 5 feet wide and 12 inches thick. The entry was 6 feet wide at the point where the rock fell and was 10 feet from the inside edge of the rock to the face of the entry. A horseback had crossed the entry at this point permitting the rock to fall without giving much warning.

Three Coal Company.

135. Leon Boucher, driver; fifth vertebra broken by falling under loaded trip on coming in on bottom; September 28, 1928.

OCTOBER.

Central Coal and Coke Company, Mine No. 51.

136. J. G. Payne, day fireman; right side strained by lifting fuel into car; October 1, 1928.
137. Martin Kotzen, miner; cracked bone in right little toe by fall of coal; October 6, 1928.
138. Arthur Bauwens, miner; sprained back by slipping while pushing car of rock; October 8, 1928.
139. Ed Welsh, miner; coal in left eye; October 10, 1928.
140. Ernest Pencil, cager; bruised left foot by being caught in tail rope; October 10, 1928.
141. John Raneri, cagar; bruised right little toe on tie while running down incline; October 14, 1928.
142. A. Salzman, miner; bruised right leg by falling between two pit cars; October 16, 1928.
143. James Welsh, miner; right ribs injured by falling; October 29, 1928.
144. Ben White, miner; injured right side by lifting tool box; October 30, 1928.

Home-Riverside Coal Mines Company.

145. Joe Bietka, trip rider; ankle bruised and cut by being caught by pit car and thrown down; October 2, 1928.
146. Herman Tiedtka, miner; bruised leg by fall of coal; October 5, 1928.

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Newland-Haynie Coal Company.

147. ——— Evans, miner; back injured by fall of rock; October 17, 1928.
148. (Investigated by Glennon and Gruber.) Joe Quatto, miner, was injured at the Newland-Haynie Coal Company at about 10:30 a.m. on October 19, 1928. Mr. Quatto was working in the third east in a branch room off the first working room on the back entry. It was 20 feet 8 inches from room rail to face of branch room, and the room was in 22 feet from entry frog from which the branch room was turned. Mr. Quatto was in the act of cutting when the rock fell, striking him on the neck and back.

Segelquist Bros. Coal Company.

149. August Holm, miner; bruised cheek, nose and back of head by fall of slate; October 15, 1928.

NOVEMBER.

Central Coal and Coke Company, Mine No. 51.

150. D. O'Donnel, track layer; piece of rock in left eye; November 1, 1928.
151. John Raneri, cager; mule switched his tail and hit him in the right eye; November 2, 1928.
152. William Dunbar, miner; large toe of left foot broke by pit-car wheel falling on it; November 8, 1928.
153. Gene Paulain, miner; left side injured while pushing car; November 13, 1928.
154. R. Prosenice, miner; coal fell on left knee, bruising same; November 14, 1928.
155. T. Marconi, miner; sulphur in right eye; November 15, 1928.
156. Martin Kotzen, miner; hit in right eye by rock, which caused infection; November 16, 1928.
157. Ferdinand Fabian, miner; left groin and back strained while pushing pit car; November 16, 1928.
158. Pete Carsini, miner; cut on right eye by piece of sulphur; November 17, 1928.
159. I. Zimmerman, miner; sprained back by lifting car on track; November 17, 1928.
160. Ed Gardner, rope engineer; bruised left third finger by being caught in rope; November 18, 1928.
161. John Maxwell, miner; hit above left eye by machine crank; November 21, 1928.
162. Dave O'Donnel, track layer; rust in right eye; November 21, 1928.
163. Oscar Deridder, miner; foreign body in left eye; November 27, 1928.
164. John Cowan, miner; bruised left hip by being hit by pit car; November 27, 1928.
165. Frank Spaiser, miner; bruised right leg by fall of coal; November 30, 1928.

Central Coal and Coke Company, Mine No. 112.

166. Clarence Reed, car shooter; pit car ran over left hand, mashing same; November 2, 1928.

DECEMBER.

Central Coal and Coke Company, Mine No. 51.

167. John Data, miner; sprained right side by lifting empty pit car; December 1, 1928.
168. Carl Roschay, blacksmith helper; emery dust in right eye; December 1, 1928.
169. Wm. O'Bryan, miner; lungs affected by bad air; December 5, 1928.
170. Frank Fabian, miner; fall of rock; December 10, 1928.



- 171. Frank Simoncie, miner; cut right first finger on drill bit; December 11, 1928.
- 172. Marion Maxwell, coupler; cut on head by fall of rock; December 13, 1928.
- 173. Frank Haskett, miner; injured by lifting car; December 13, 1928.
- 174. John Grimes, miner; cut on top of head by fall of rock; December 22, 1928.
- 175. George Rogers, miner; sulphur in right eye; December 22, 1928.
- 176. Chas. Roschay, blacksmith; rust in left eye; December 28, 1928.
- 177. L. Oplotnik, miner; sulphur in right eye; December 28, 1928.



PART TWO.

**REPORT OF STATE MINE RESCUE
DEPARTMENT.**

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PERSONNEL OF STATE MINE RESCUE STATIONS.

Central Rescue Station.

WILLIAM HISLOP Pittsburg.

Arma Rescue Station.

WILLIAM BEVERIDGE Arma.

(102)

LETTER OF TRANSMITTAL.

PITTSBURG, KAN., March 7, 1929.

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

DEAR SIR—I have the honor to submit to you herewith for transmittal to Hon. Clyde M. Reed, governor, and the legislature of the state of Kansas, report covering the activities of the Kansas State Mine Rescue Department for the calendar year ending December 31, 1928.

Respectfully submitted,

JAMES SHERWOOD,
*Ex Officio Superintendent of Mine
Rescue Stations.*

LETTER OF TRANSMITTAL.

TOPEKA, KAN., March 7, 1929.

Hon. Clyde M. Reed, Governor, Topeka, Kan.:

DEAR SIR—I beg to submit herewith report of James Sherwood, *ex officio* superintendent of Mine Rescue Stations, which report sets forth the activities of the Mine Rescue Departments of the state of Kansas during the calendar year ending December 31, 1928.

Respectfully submitted,

R. M. PICKLER,
Chairman, Public Service Commission.

Report of Mine Rescue Departments.

FIRST-AID INSTRUCTION, 1928.

The work of first-aid instruction is becoming more popular every year. Children from both grade and high schools received instruction in first-aid from William Hislop, rescue superintendent of the Central Rescue Station, Pittsburg, and William Beveridge, rescue superintendent of Arma Rescue Station.

No first-aid contest was held in this state during the year. This probably being due to poor working conditions in the coal mines of this state. There were about 80 certificates issued for first-aid training given to men of Lawton, Kan., who work in the lead and zinc mines of this state. This class made up one of the largest first-aid classes this department has ever experienced.

There was no mine-rescue training given during the year 1928. There were 137 first-aid certificates issued during the year. Many others received first-aid training who possess certificates, and therefore are not included in the list, as they must take training every six months to keep their certificate in good standing.

The year of 1929 promises to be a very good year for first-aid work, as there will be a national first-aid contest held in Kansas City, Mo., sometime in August, 1929. This contest in Kansas City should enliven the first-aid work in this field. This may also result in a state-wide first-aid contest being held previous to the national contest.

The only way any predictions may be discredited is through poor working conditions in the coal mines of this state.

The following are those who received first-aid certificates for first-aid training given during the year 1928:

<i>Name, address and occupation.</i>	<i>Certificate number.</i>
Agard, John, Lawton, Carpenter.....	999
Allen, C., Lawton, electrician.....	986
Allen, M., Lawton, powder man.....	984
Badet, Dennis, Croweburg, student.....	945
Baker, Chester, Lawton, miner.....	1008
Battin, Carl J., Lawton, driller.....	972
Battin, W. M., Lawton, miner.....	1010
Baucon, A. W., Pittsburg, Bell Telephone Co.....	916
Beezley, Ed., Lawton, hoistman.....	1031
Beezley, Lloyd, Lawton, laborer.....	1035
Booe, D. H., Pittsburg, Bell Telephone Co.....	914
Browning, Mary, Arma, missionary.....	938
Burnick, Tom, Croweburg, student.....	947
Burrows, Ruth, Arma, student.....	934
Busby, Jess, Lawton, miner.....	973
Carpino, Frank, Croweburg, student.....	946
Carpino, Tony, Croweburg, student.....	941
Cooper, Jack Z., Lawton, hoistman.....	1036
Cox, Opal, Arma, student.....	935
Crowell, Furman, Lawton, hoistman.....	1025
Cummins, Jessie, Arma, student.....	932
Damron, John M., Lawton, pumper.....	1054
Danford, Clarence, Lawton, miner.....	1014
Davidson, Robert, Croweburg, teacher.....	951
Davis, Garland, Lawton, miner.....	981
De Clue, Augustus E., Lawton, carpenter.....	998
Denning, Robert, Lawton, miner.....	1022
Dillon, Fred, Lawton, engineer.....	1027

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<i>Name, address and occupation.</i>	<i>Certificate number.</i>
Divine, Roy, Lawton, miner.....	1051
Dunn, Charlie, Lawton, shoveler.....	983
Ellis, J. A., Pittsburg, Bell Telephone Co.....	915
Fitzjohn, Fred V., Lawton, engineer.....	995
Fitzjohn, Ralph, Lawton, mechanic.....	979
Fowler, Ben J., Lawton, blacksmith.....	1023
Frost, Wm., Lawton, bookkeeper.....	1040
Garrison, Paul, Lawton, millman.....	1055
Gentes, Daniel, Lawton, millman.....	1006
Gent, Ray, Lawton, float operator.....	1053
Graham, B. C., Pittsburg, Bell Telephone Co.....	923
Green, Chas., Lawton, laborer.....	1024
Haley, E. J., Lawton, superintendent.....	1045
Hall, Garland, Croweburg, student.....	942
Hart, Grace L., Pittsburg, clerk.....	1063
Hall, Gertrude, Arma, student.....	931
Hare, Clarence, Lawton, millman.....	990
Holcombe, L., Pittsburg, Bell Telephone Co.....	919
Hood, Harvey, Lawton, miner.....	993
Hopkins, Geo. B., Lawton, miner.....	982
Houseworth, Mamie, Pittsburg, bookkeeper.....	1064
Hulbert, Thomas, Lawton, miner.....	1021
Hulsey, Jennings T., Lawton, engineer.....	1029
Hickam, James, Lawton, millman.....	997
James, Harry, Lawton, millman.....	1044
Jantz, Ronald, Lawton, laborer.....	1001
Jarmie, Glenn, Lawton, miner.....	1017
Jarmin, Ivan, Lawton, shoveler.....	971
Jarmin, Harry, Lawton, miner.....	1037
Jarmin, Ted, Lawton, miner.....	1009
Jeffcott, Joe, Lawton, carpenter.....	1049
Keys, Harry, Lawton, mill foreman.....	996
Kinsey, Ord A., Lawton, miner.....	978
Kilmer, Orval, Lawton, miner.....	1020
Kilmer, Stacey, Lawton, miner.....	1039
Leslie, Clapham, Pittsburg, student.....	1065
Lenzotti, Frankie, Croweburg, student.....	940
Le Roy, George, Lawton, jigman.....	987
Martin, Earl, Lawton, miner.....	1038
Miller, Ernest, Lawton, Pumper.....	1003
Miller, John, Lawton, ground foreman.....	980
Mills, Fred, Lawton, engineer.....	1000
Moody, Howard, Lawton, miner.....	977
Mosley, G. E., Pittsburg, Bell Telephone Co.....	952
Murphy, Robert, Lawton, hoistman.....	1046
Myers, Mrs. L. L., Pittsburg, stenographer.....	1066
Nairn, Hubert A., Pittsburg, bookkeeper.....	1058
Nairn, Mrs. Hubert A., Pittsburg, housewife.....	1059
Overman, John, Pittsburg, Bell Telephone Co.....	911
Parker, Wm., Lawton, carpenter.....	1026
Pasley, Lloyd, Lawton, miner.....	976
Pasley, Morris, Lawton, miner.....	1013
Patterson, Charlie, Lawton, machine man.....	985
Patterson, Horatio, Lawton, miner.....	1011
Perry, Melvin, Lawton, carpenter.....	1047
Pittenzer, E. V., Pittsburg, Bell Telephone Co.....	920
Pittser, C. L., Pittsburg, Bell Telephone Co.....	913
Pond, Strod, Lawton, jigman.....	992
Porter, Katherine, Arma, student.....	928
Porter, Mildred, Arma, student.....	926
Purcell, Harry, Lawton, miner.....	1019
Purcell, Willard, Lawton, miner.....	975
Ranwez, Blanche, Arma, student.....	929
Ranwez, Denise, Arma, student.....	936
Ranwez, Gustavine, Arma, clerk.....	937
Ramsay, Margaret, Arma, student.....	927
Rees, Louis, Lawton, millman.....	1005
Revia, Emma, Arma, student.....	924
Richardson, Roland, Croweburg, student.....	949
Riggs, Leonard, Lawton, miner.....	1016
Riley, Chas. A., Lawton, miner.....	1033
Robertson, Joe, Croweburg, student.....	948
Russell, Vera May, Pittsburg, bookkeeper.....	1060
Sharp, Harold, Lawton, miner.....	1034
Sills, Mrs. Wm. T., Pittsburg, housewife.....	1061
Smith, Dewey E., Lawton, millman.....	988
Smith, Earl, Lawton, millman.....	1052
Smith, Nelson, Lawton, miner.....	1002



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<i>Name, address and occupation.</i>	<i>Certificate number.</i>
Smith, Ralph, Lawton, millman.....	1048
Smith, Virgil, Lawton, millman.....	1043
Spargo, Elmer, Lawton, miner.....	1015
Stefani, Dom, Croweburg, student.....	944
Stefani, Jennie, Croweburg, student.....	925
Stefani, Margaret, Croweburg, student.....	933
Stegink, G., Lawton, miner.....	1056
Stephens, John L., Lawton, millman.....	1004
Stephens, Walter, Lawton, miner.....	1032
Stephenson, H., Lawton, rougher man.....	1041
Stevenson, Eunice, Pittsburg, stenographer.....	1062
Strange, C. L., Pittsburg, Bell Telephone Co.....	917
Sullivan, Marion, Lawton, carpenter.....	991
Sumpter, Jake, Lawton, miner.....	1018
Therb, James E., Lawton, millman.....	1050
Townsend, James R., Lawton, welder.....	1030
Tucker, Dean S., Lawton, stenographer.....	1057
Turko, Tommy, Croweburg, student.....	939
Tweedy, Waldo, Lawton, millman.....	994
Vanderpool, John, Croweburg, student.....	950
Virando, Dom, Croweburg, student.....	943
Wamack, Allen T., Lawton, engineer.....	1028
Walbank, Frances, Arma, student.....	930
Webster, J. L., Pittsburg, Belle Telephone Co.....	921
Wells, Cecil, Lawton, miner.....	1012
Williams, Roy, Lawton, ground foreman.....	974
Wilson, C. R., Pittsburg, Bell Telephone Co.....	918
Woodmanse, W. L., Lawton, engineer.....	1042
Wright, George, Pittsburg, jigman.....	989
Wright, Elmer W., Lawton, engineer.....	1007

MINE RESCUE WORK.

The mine rescue stations of this state had but one call for rescue work, and that came to the Pittsburg mine inspection office about 3:50 p. m., July 16, 1928, from the Cunningham Mining Company, a lead and zinc mine near Pleasanton, Kan.

An explosion had taken place in the Cunningham mine, which was caused by a piece of falling roof on an electric light bulb, igniting gas. Four men were in the mine at the time the explosion occurred. Two of the men fortunately found their way out to safety. One of the two left in the mine was killed instantly, and the other fell out of the bucket while being hoisted to the surface. After being brought to the surface it was found he had a fractured leg and arm caused from the fall. He was taken to the hospital, where he died a few minutes later. Details of this accident may be found under the heading "Mine Explosions."

This mine is not under the jurisdiction of this department, as our work is limited to the coal mining industry of this state.

There were no explosions in coal mines of Kansas during the year 1928, but there was an explosion at a strip mine of the Kelly-Carter Coal Company, which injured five men. The details will be given under the heading "Mine Explosions."

A rescue call was received from the Cunningham Mining Company, a lead and zinc operation near Pleasanton, Kan., on July 16, 1928, in which two men were killed. This mine is out of this department's jurisdiction, but the call was responded to in order that there might be lives saved. Details of this explosion will also be found under "Mine Explosions."

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MINE EXPLOSIONS.

On July 16, 1928, a call came to the Rescue Department at Pittsburg at about 3:50 p. m., advising that an explosion had occurred at a lead and zinc mine operated by the Cunningham Mining Company, located near Pleasanton, Kansas. The explosion occurred about 2:30 p. m., and there were four men in the mine at that time, two of the number, namely, William Cunningham, owner, and Jack Howards were brought to the surface a few minutes after the explosion. The other two men were still in the mine.

Mr. James Sherwood, state mine inspector, and George J. Gruber, clerk, proceeded to the mine in Mr. Sherwood's car. Mr. Hislop, superintendent of the central station, and Ernest Shaw, deputy mine inspector, and Mr. Glennon, deputy mine inspector, proceeded to the mine in the central rescue car. After driving as far as Arma, Kan., Mr. Glennon joined William Beveridge, superintendent of Arma station, in the Arma rescue car, and then the entire crew proceeded to the lead mine, which was a distance of sixty-seven miles from Pittsburg. After driving two hours and five minutes we arrived at the mine, and were informed that Hugh Cunningham was hoisted up about forty feet from the bottom of the mine, when he fell out of the bucket to the bottom of the mine. An employee of the mine went down and brought Mr. Cunningham to the surface. Mr. Cunningham received a fracture of the leg and forearm in his fall. He was immediately taken to a hospital, where he died a few hours later. Harold Cole was the only man in the mine when we arrived. At this time the gas was too dangerous to enter the mine, we were unable to descend with our apparatus on account of timbers and rubbish being strewn about the shaft, making it impassable. A canvas tube had been devised and after the fan had been run about an hour several men attempted to explore the mine. One of the number, Mr. Beveridge of the Arma rescue station, went to the bottom of the mine, and a few minutes later was again brought to the surface. He said that the mine was badly caving and pushing the cribbing and pump at the bottom of the mine to one side. He said it was unsafe to touch anything, as the mine was liable to cave any minute. Instructions were given to have all the rubbish cleaned out of the shaft, and attempts would then be made to find the body, as the mine was free of gas by this time. The essential thing to be done now was to clear the shaft of timber, etc., so that workmen could remove some of the rubbish at the bottom of the mine. This was partly accomplished and the water was pumped from the sump, and then a party of the rescue crew went to the bottom of the mine and found the body in the sump, where it had been lying under four feet of water. Harold Cole's body was brought to the surface at about 5 a. m. July 17, 1928.

This mine had not been operating very long when they broke into some old workings, from which the gas came. The miners used electric lamps, which were of the battery type. One of the men who was brought up alive said that he saw a rock fall and strike an electric lamp and then the explosion occurred. This mine was in a terrible condition and should have never been allowed to operate.

There was an explosion at the Kelly-Carter Coal Company at 12:45 p. m. August 27, 1928, that injured Wilbur Brann, Frank Yasbec, George Ellis, Howard Barker and Joe Miebata. All of the men named were residents of Mulberry, Kan. The accident occurred while a team of mules were moving the powder house, the floor of which was not intact, and while the same was being moved a keg of powder rolled over and the powder spilled along the pit, and before any one noticed it the powder had ignited from a spark from the loader and burned up to the powder house, and a second or two later exploded, injuring the above named men to the extent of scratches and bruises, with the exception of Wilbur Brann, who was more seriously hurt. It was esti-

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mated that seven kegs of powder, two cases of dynamite and two cases of pellet powder was in the magazine when it exploded.

Mr. Sherwood, state mine inspector, gave order to have a powder house built with an intact floor, and that no more than one or two kegs of powder should be kept in same at one time.



12-6506



COAL-MINE DIRECTORY OF MINES IN BOURBON COUNTY—CORRECTED TO DECEMBER 31, 1928.

LOCATION OF MINES IN BOURBON COUNTY—CORRECTED TO DECEMBER 31, 1928.												
Office No.	NAME OF COMPANY.	Mine No.	Name of superintendent.	Post-office address of main or local office.	Location of mine.							
					Sec.	Twp.	Range.	Distance from—				
								Miles.				City or town.
								North.	South.	East.	West.	
1	Dairy Center Coal Co.	1	W. J. Schenek	Fort Scott.								
2	Double Eagle Coal Co.	1	Warren Little	Fort Scott.				2				Fort Scott
3	Hunt Coal Co.	1						2		3		Fort Scott
4	Jones Coal Co.	1	W. L. Jones	Arcadia						2		Prescott
5	Kealy Coal Co.	1	John Kealy	Fulton				2			2½	Arcadia
6	Short-Mobley Coal Co.	1	F. E. Short	Fort Scott, 1214 Scott Ave.					10			Fort Scott
7	Ward Coal Co.	1	John Ward	Fort Scott								Fort Scott

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COAL-MINE DIRECTORY OF MINES IN BOURBON COUNTY—CORRECTED TO DECEMBER 31, 1928—CONCLUDED.

Office No.	Railroad connections.	Kind of opening.	Kind of hoist.	Number of feet of over- burden.	Height of coal.		Remarks.
					Feet.	Inch.	
1	None.....	Strip.....	.....	.....	1	0	.....
2	Auto haul.....	Strip.....	.....	12	1	2	.....
3	None.....	Strip.....	28	1	4
4	None.....	Strip.....	11
5	None.....	Strip.....	2	6
6	Mo. Pac.....	Strip.....	1	0
7	Wagon.....	Shaft.....	Crab.....	14	1	6

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COAL-MINE DIRECTORY OF DEEP MINES IN CHEROKEE COUNTY—CORRECTED TO DECEMBER 31, 1923.

Office No.	NAME OF COMPANY.	Mine No.	Name of superintendent.	Post-office address of main or local office.	Location of mine.							
					Sec.	Twp.	Range	Distance from—				
								Miles.				City or town.
								North.	South.	East.	West.	
1	Andrews Coal Co.	3	C. M. Andrews	Weir	22	31	24	1				Weir
2	Atkinson Coal Co.	3	Thos. Atkinson	Seammon	19	32	24				1/2	Skidmore
3	B. & H. Coal Co.	1	Camille Solomon	Weir	28	31	24	1/2				Weir
4	Booth Coal Co.	1	J. W. Booth	Seammon, Box 203	36	32	32					Skidmore
5	Bradfield Coal Co.	1	J. C. Bradfield	Columbus, R. R. 4	26	23	22					Mason
6	Brassart, Alex. Coal Co.	1	Alex. Brassart	Seammon	7	32	24					Seammon
7	Brassart Bros. Coal Co.	1	Paul Brassart	Columbus, R. R. 3	17	32	24		1 1/2			Seammon
8	Browning Coal Co.	1	G. A. Browning	Weir	25	32	24		1 1/2		1 1/2	Seammon
9	Butler Coal Co.	1	Owen Butler	Weir	33	32	24			3/4	3/4	Weir
10	Caresin Coal Co.	6	Dom Caresin	Cherokee, Box 306	8	31	24					Cherokee
11	Cash Coal Co.	1	C. L. Mummet	Columbus	36	32	23				1	Stippville
12	C. and C. Coal Co.	1	O. Coon	Seammon, R. R. 1	25	32	23					Skidmore
13	Cherokee County Coal Co.	1	Angelo Yagher	W. Mineral	31	32	22	1			1/4	W. Mineral
14	Corkle and Sons Coal Co.	1	Wm. Corkle	W. Mineral	25	32	23					Turek
15	Cunningham Coal Co.	1	D. Cunningham, Sr.	Columbus, R. R. 4	30	32	24					Turek
16	Davis Coal Co.	1	J. C. Davis	Pittsburg, 722 W. 4th	24	32	24					Croftline
17	Debut Coal Co.	1	Clovis Debutouze	Seammon, R. R. 1	24	32	23					Seammon
18	Decker & Son Coal Co.	1	Jas. Burgan	Seammon	19	32	24			1/2	1/2	Skidmore
19	Fair Coal Co.	1	John Fuller	Columbus, R. R. 4	31	32	24			1/2	3/4	Stippville
20	Fuller Coal Co.	2	H. C. Fuller	Seammon	18	32	24		1/2			Crowe, 10
21	Fuller and Sons Coal Co.	1	Chas. A. Gladieux	Weir, Box 412	33	32	24		1/2	1		Weir
22	Gladieux Coal Co.	3	John White	Seammon	36	32	24	2			1/2	Seammon
23	Golden Eagle Coal Co.	7	John White	Seammon	36	32	24	2				Seammon
24	Horsley & Ivy Coal Co.	1	Chris Horsley, Jr.	Seammon, R. R. 1	24	32	23					Skidmore
25	Huffman & Son Coal Co.	1	R. S. Hoffman	Cherokee, Box 205	19	31	24					Cherokee
26	Independent Coal Co.	1	L. A. Larson	Weir	24	32	23					Skidmore
27	Jewel Coal Co.	1	James Ward	Columbus, 600 E. Walnut	22	31	24	1				Weir
28	Johnston Coal Co.	1	John Johnson	Weir, Box 323	26	31	24	1 1/2			1/2	Weir
29	Ketterman & Rummel	4	D. L. Ketterman	Columbus, R. R. 4	30	32	24					Turek
30	Kierl Bros. Coal Co.	1	Fred Kierl	Seammon	13	32	23					Turek
31	Kierl and Skahan Coal Co.	1	Ted Skahan	Columbus, R. R. 4	30	32	23					Turek
32	Kilger Coal Co.	2	M. Kilger	Weir	34	21	24					Weir
33	Kruger Coal Co.	1	Herman Kruger	Cherokee	19	32	23					Cherokee

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34	Limited Coal Co.	2	Jas. B. Young	Pittsburg, 311 S. Olive	16	31	24	3/4				Weir
35	Larson Coal Co.	1	John Larson	Weir	32	21	24		1 1/4			Stippville
36	Magnolia Coal Co.	1	M. M. Kersh	Galena, 813 E. 5th	26	32	23	1/2			1/2	Stippville
37	Martin Coal Co.	1	Robt. Martin	Columbus, R. R. 4	32	32	24		1/2			Stippville
38	Mineral Coal Co.	1	R. Corsini	W. Mineral	6	32	23				1/2	W. Mineral
39	Montee Coal Co.	1	Frank Montee	Cherokee	7	31	23	3/4				Cherokee
40	Myers & Blake Coal Co.	5	Dave Myers	Weir	33	31	24		1		1	Weir
41	Napier & Nickelson Coal Co.	1	Chas. Napier	Columbus, R. R. 4	24	32	23					Skidmore
42	Newberry Coal Co.	1	John Newberry	Columbus, R. R. 4	26	32	23		1/4		1	Skidmore
43	Newman Coal Co.	2	C. O. Newman	Cherokee	19	32	24					Cherokee
44	Oberman Coal Co.	11	Martin Oberman	W. Mineral	33	32	23		1/2			Stippville
45	Pallett Coal Co.	1	Fred Pallett	Weir, R. R. 1	26	31	24		1			Weir
46	Paterson Coal Co.	2	Thos. Paterson	Weir	23	32	24					Cherokee
47	Pittsburg Coal Co.	4	A. I. Simon	Pittsburg, 232 W. 21st	30	32	24		1			W. Mineral
48	R. C. & B. Coal Co.		Edwin Joellier	W. Mineral	36	32	22	1 1/4				Stippville
49	Robinson Coal Co.		James Robinson	Columbus, R. R. 4	31	32	24					Stippville
50	Robinson & Adamson Coal Co.	3	Robert Robinson	Columbus, R. R. 4	31	32	24					Stippville
51	Robinson & Henderson Coal Co.	1	Geo. Henderson	Columbia, R. R. 4	36	32	24	2 1/2				Columbus
52	Scott & Bunney Coal Co.	1	Oscar Scott	Columbia, R. R. 4	19	32	24					Turek
53	Serogins Coal Co.	1	W. T. Serogins	Columbia, R. R. 4	32	32	24					Stippville
54	Southeastern Coal Co.	2	David Thompson	Seammon	25	32	23					Skidmore
55	South End Coal Co.	1	D. A. Murphy	W. Mineral	7	32	23					W. Mineral
56	Southern Coal Co.	1	John Spriggs	Mineral	7	32	23					Stippville
57	Stockton Coal Co.	1	Jess Stockton	Columbus, R. R. 4	25	32	23				1/2	Weir
58	Sungold Coal Co.	17	Walter Potter	Weir, R. R. 2	35	31	23				4 1/2	Weir
59	Schwinn Coal Co.	1	John Schwinn	Weir, R. R. 2	27	31	24	1		3/4		Skidmore
60	T. L. & W. Coal Co.	1	Lee Cook	Columbus	26	32	23					Cokedale
61	Vanduker Coal Co.	1	Frank Vanduker, Sr.	Columbus	24	32	24					Seammon
62	Western C. & M. Co.	21	James D. Delaney	Pittsburg, Nat'l Bank Bldg	1	32	23		1		1 1/2	Weir
63	Wilkinson Coal Co.	2	Wm. Wilkinson	Weir, R. R. 2	22	32	24	1 1/2				Stippville
64	Young & Deal Coal Co.	1	G. A. Young	Seammon	36	32	23				1	Seammon
65	Zitnik Coal Co.	1	Frank Zitnik	Seammon	1	32	23				1/2	Seammon



COAL-MINE DIRECTORY OF DEEP MINES IN CHEROKEE COUNTY - CORRECTED TO DECEMBER 31, 1928 - CONCLUDED.

Office No.	Railroad connections.	Kind of opening.	Kind of hoist.	Number of feet of overburden.	Height of coal.		Remarks.
					Feet.	Ins.	
1	Frisco	Drift	Gas	38	3	4	
2	Frisco	Shaft	Steam	36	3	8	
3	J. & P.	Shaft	Electric	70	3	6	
4	None	Shaft	Gas	20	3	6	
5	None	Shaft	Gas	26	3	2	
6	Frisco	Shaft	Gas	27	3	6	
7	None	Shaft	Gas	37	3	6	Out of business.
8	None	Shaft	Gas	25	3	6	
9	Frisco	Shaft	Electric	40	2	0	Shut down since March.
10	None	Shaft	Gas	35	3	4	
11	None	Shaft	Gas	33	3	8	Idle during year.
12	M. K. & T.	Shaft	Electric	67	1	9	
13	None	Shaft	Steam	24	3	8	
14	None	Shaft	Gas	27	3	8	
15	None	Shaft	Steam	65	3	4	
16	None	Shaft	Gas	35	3	6	
17	None	Drift	Gas	24	3	6	Abandoned.
18	Frisco	Shaft	Gas	28	3	6	Abandoned.
19	J. & P.	Shaft	Gas	21	3	8	
20	None	Shaft	Gas	45	4	0	
21	Mo. Pac.	Shaft	Steam	130	3	0	
22	None	Shaft	Electric	40	3	8	
23	None	Shaft	Steam	39	2	0	
24	Frisco	Shaft	Steam	32	3	8	
25	None	Shaft	Gas	28	3	6	Successor to American Coal Co.
26	Frisco	Shaft	Gas	39	3	8	
27	None	Shaft	Horse	18	3	8	
28	Frisco	Shaft	Gas	28	3	6	
29	None	Shaft	Gas	20	3	8	
30	Frisco	Shaft	Gas	32	3	4	
31	J. & P.	Shaft	Electric	105	2	10	

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34	Frisco	Shaft	Steam	70	3	2	
35	None	Shaft	Gas	40	4	0	
36	None	Shaft	Steam	50	2	8	Abandoned July 1.
37	None	Shaft	Gas	23	3	6	
38	M. K. T.	Shaft	Electric	65	1	10	
39	None	Shaft	Gas	37	2	0	Successor to Brown Coal Co.
40	None	Shaft	Gas	50	2	0	
41	None	Shaft	Gas	20	3	6	Successors to Richardson Bros.
42	M. K. T.	Shaft	Horse	20	3	6	
43	J. & P.	Shaft	Electric	130	3	6	
44	M. K. T.	Shaft	Steam	160	3	2	
45	None	Shaft	Gas	31	3	10	
46	J. & P.	Shaft	Gas	48	3	8	
47	Mo. Pac.	Shaft	Electric	127	3	0	
48	M. K. T.	Shaft	Electric	80	1	10	
49	None	Shaft	Gas	30	3	6	
50	None	Shaft	Gas	25	3	8	
51	None	Shaft	Gas	27	3	4	
52	Frisco	Shaft	Gas	29	4	0	
53	Frisco	Shaft	Electric	42	3	4	
54	M. K. T.	Shaft	Steam	125	2	8	Succeeded by Southern Coal Co.
55	M. K. T.	Shaft	Steam	125	2	8	
56	None	Shaft	Gas	39	3	4	
57	M. K. T.	Shaft	Steam	115	3	4	
58	Frisco	Shaft	Gas	20	4	0	
59	None	Shaft	Gas	25	3	8	
60	None	Shaft	Steam	55	2	8	
61	Mo. Pac.	Shaft	Electric	144	3	0	
62	Frisco	Shaft	Steam	32	3	6	
63	None	Shaft	Gas	42	3	2	
64	None	Shaft	Gas	23	3	6	
65	None	Shaft	Gas	23	3	6	

Mine Inspection Department.

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COAL-MINE DIRECTORY OF STRIP MINES IN CHEROKEE COUNTY—CORRECTED TO DECEMBER 31, 1928.

Office No.	NAME OF COMPANY.	Mine No.	Name of superintendent.	Post-office address of main or local office.	Location of mine.								
					Sec.	Twp.	Range	Distance from—				City or town.	
								Miles.					
								North.	South.	East.	West.		
1	Barrett Coal Co.	1	W. H. Barrett	Weir	13	31	23						
2	Brenner Coal Co.	1	Orvil Brenner	Columbus, R. R. 3	18	32	24						1/4 Cherokee
3	Carbon Coal Co.	5	J. D. Robinson	Pittsburg, Globe Bldg	18	32	24						W. Mineral
4	Carbon Coal Co.	7	J. D. Robinson	Pittsburg, Globe Bldg	25	32	23						Seammon
5	Carbon Coal Co.	8	J. D. Robinson	Pittsburg, Globe Bldg	19	32	24						Seammon
6	Crowe Coal Co.	24	L. L. Munson	Pittsburg, Globe Bldg	17	32	24						Seammon
7	Crowe Coal Co.	25	L. L. Munson	Pittsburg, Globe Bldg	20	32	24						Seammon
8	Huckleberry Coal Co.	1	Geo. Huckleberry	McCune, R. R. 5									Seammon
9	Kansas Coal Co.	1	J. Schenker	Weir									W. Mineral
10	Luckey & Casper Coal Co.	1	Roy Luckey	Columbus	26	32	23						Columbus
11	Mitchell Coal Co.	1	B. F. Mitchell	Weir, W. W. Millner, Sec	36	31	25						Skidmore
12	Reed & Adams Coal Co.	2	Jas. A. Reed	Seammon	19	32	24						Pittsburg
13	Southern Kansas Coal Co.	1	John Jenkins	W. Mineral	31	32	22						Chetopa
14	Stevens Coal Co.	1	C. E. Stevens	Columbus, R. R. 2									Seammon
15	Stubbs Coal Co.	1	A. J. Stubbs										W. Mineral
													Columbus

Public Service Commission.

COAL-MINE DIRECTORY OF STRIP MINES IN CHEROKEE COUNTY—CORRECTED TO DECEMBER 31, 1928—CONCLUDED.

Office No.	Railroad connections.	Kind of opening.	Kind of hoist.	Number of feet of overburden.	Height of coal.		Remarks.
					Feet.	Ins.	
1	None	Strip	Horse	12	1	2	
2	None	Strip	Horse	14	1	8	
3	Frisco	Strip	Electric	20	3	0	
4	J. & P.	Strip	Electric	20	3	0	
5	Frisco	Strip	Electric	24	3	0	
6	Frisco	Strip	Electric	15	3	6	
7	Frisco	Strip	Electric	24	3	6	
8	None	Strip	Horse	10	1	6	
9	None	Strip	Electric	1	1	0	
10	None	Strip	Gas	14	3	8	
11	None	Strip	Horse	10	1	8	
12	M.-K.-T.	Strip	Horse	14	1	8	
13	Frisco	Strip	Electric	18	3	6	
14	None	Strip	Horse	10	1	6	
15	None	Strip	Horse	10	1	10	

Mine Inspection Department.

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COAL-MINE DIRECTORY OF DEEP MINES IN CRAWFORD COUNTY—CORRECTED TO DECEMBER 31, 1928.

Office No.	NAME OF COMPANY.	Mine No.	Name of superintendent.	Post-office address of main or local office.	Location of mine.									
					Sec.	Twp.	Range.	Distance from—				City or town.		
								Miles.						
								North.	South.	East.	West.			
1	Arkan Coal Co.	2	C. B. Stephen.	Arcadia, R. R. 1.	12	28	25			2		Arcadia		
2	Base Line Coal Co.	9	R. R. Bourland.	Cherokee	6	31	24			2 1/2		Cherokee		
3	Black Diamond Coal Co.	2	Walter Bennett.	Pittsburg	15	30	25			1 1/2	2	Pittsburg		
4	Black Hawk Coal Co.	4												
5	B. N. & G. Coal Co.	1	James Blanchard.	Pittsburg, R. R. 6.	2	30	25					Midway.		
6	Brick Stack Coal Co.	1	Frank Wolfe.	Englevalle	24	28	24			3/4		Englevalle		
7	Broadhurst Coal Co.	1	J. H. Broadhurst.	Pittsburg	6	31	25					Kirkwood		
8	Brown & Crowe Coal Co.	2	J. B. Brown.	Pittsburg, 808 W. 7th.	15	30	25		1/2			Pittsburg		
9	Buck Coal Co.	1	Ben Swigart.	Arcadia	12	28	25			1		Arcadia		
10	Caput Coal Co.	1	Tom Caput.	Pittsburg, 606 W. Park.	25	30	24				1 1/2	Quincy		
11	Cayuga Coal Co.	2	Joe Skubits.	Ringo	29	29	25		6			Pittsburg		
12	C. & B. Coal Co.	18	Gus Champ.	Cherokee	28	30	24				4	Pittsburg		
13	Central Coal & Coke Co.	51	R. H. Reid.	Pittsburg, 301 N. Broadway.	12	29	24			1/2		Ringo		
14	Chapman & Westerlein Coal Co.	2	F. L. Westerlein.	Pittsburg, 301 N. Broadway.	14	31	24		1			Cherokee		
15	Clean Coal Co.	3	Mario Nardelli.	Gross	10	28	25		2			Gross		
16	Cowan Coal Co.	10	Hal C. Cowan.	Arcadia, R. R. 1.	10	28	25					Colvale		
17	Crawford County Coal Co.	42	John D. Simon.	Pittsburg, 1811 N. Broadway.	36	29	24		4		1 1/2	Pittsburg		
18	Crowe Coal Co.	15	W. C. Besheer.	Pittsburg, Globe Bldg.	3	29	25			1/2	1/2	Croweburg		
19	Crowe Coal Co.	16	W. C. Besheer.	Pittsburg, Globe Bldg.	33	28	25		3/4			Croweburg		
20	Crowe Coal Co.	21	W. C. Besheer.	Pittsburg, Globe Bldg.	3	29	25			1/2	1	Croweburg		
21	De Gasperi Coal Co.	3	August De Gasperi.	Pittsburg, 2101 N. Broadway.	18	30	2					Pittsburg		
22	De Gasperi, A. B. Coal Co.	1	A. B. De Gasperi.	Pittsburg, 210 W. Quincy.	14	24	30		1 1/2			Pittsburg		
23	Dittman & Wachter Coal Co.	2	A. D. Tennant.	Frontenac	11	30	24		4		3	Pittsburg		
24	D. & N. Coal Co.	1	J. T. Dillon.	Pittsburg	13	30	25		1 1/2		1	Pittsburg		
25	E. & F. Coal Co.													
26	Fern Bros. Coal Co.	49	Francis Fern, Sr.	Pittsburg, 408 W. Kansas.	27	29	25		2 1/4		1 1/4	Frontenac		
27	Forest Coal Co.	3	Joe Leksha, Sr.	Mulberry	12	28	25					Mulberry		
28	Frontenac Fuel Co.	16	James Murphy, Sr.	Frontenac	31	29	25		4 1/4			Pittsburg		
29	Gross "C" Coal Co.	2	N. P. Viano.	Arcadia, R. R. 1.	12	28	25			2		Arcadia		
30	Gubbio Coal Co.	2	Ezio Farnetti.	Frontenac	29	29	25			2		Frontenac		
31	Hi-Grade Coal Co.	1	Louis Young.	Pittsburg, R. R. 5.	6	31	25					Kirkwood		
32	Hill Top Coal Co.	14	E. M. Roberts.	Mulberry	9	28	25			2		Mulberry		
33	H. & T. Coal Co.	1	J. H. Tripp.	Pittsburg	14	30	25		1 1/4		1 1/4	Pittsburg		
34	Independent Coal Co.	1	Ben Swigart.	Arcadia						1		Arcadia		
35	I. Sinkens Coal Co.	1	C. A. Mason.	Pittsburg, R. R. 5.	14	31	24				2	Pittsburg		
36	Jefferson Coal Co.	2	Antone Drenik.	Frontenac	7	30	25		2			Pittsburg		
37	Johnson Bros. Coal Co.	5	John Johnson.	Minden Mines, Mo.	15	25	30		2		2 1/2	Pittsburg		
38	Jones & Skaggs Coal Co.	1	E. Skaggs.	Pittsburg, 901 S. Joplin.	15	25	30					Litchfield		
39	Krempusch Coal Co.	1	Fred Krempusch.	Pittsburg, R. R. 5.	15	30	25		1		1 1/2	Pittsburg		
40	Last Chance Coal Co.	1	Oscar Zook.	Gross	23	28	25					Gross		
41	Liberty Coal Co.	1	Albert Cameron.	Mulberry	23	28	25		2 1/2			Gross		
42	Lindy Coal Co.	1	C. E. Bross.	Pittsburg, R. R. 6.	15	25	30					Litchfield		
43	Lintneum, Wolfe & Strobl.	15	Arthur B. Wolfe.	Frontenac	12	30	24			3/4		Frontenac		
44	Lone Oak Coal Co.	1	Ed Moore, Sr.	Pittsburg, R. R. 5.	13	30	25		2		1 1/2	Pittsburg		
45	Mason Coal Co.	1	W. R. Mason.	Pittsburg, 910 E. Washington.	30	31	25			1/2		Pittsburg		
46	McClure Coal Co.	7	John Morton.	Cherokee	13	31	23				1	Cherokee		
47	Maxwell Coal Co.	4	John Maxwell.	Arcadia							1/2	Colvale		
48	McGrath Coal Co.	1	Geo. T. McGrath.	Pittsburg, 608 N. Locust.	13	30	24					Arcadia		
49	Midwest Coal Co.	1	E. A. Cochran.	Arcadia						1		Arcadia		
50	Merts Coal Co.	1	Frank Merts.	Pittsburg, 219 W. Washington.	7	31	25			3		Pittsburg		
51	Miners and Shippers.	1	Jas. R. Kerr.	Pittsburg, R. R. 1.	18	30	25		2		1	Pittsburg		
52	Montee & Jenkins Coal Co.	1	Mark Montee.	Cherokee	18	31	24					Cherokee		
53	Motor Coal Co.	9	Richard Luke.	Arma	6	29	25			3/4		Arma		
54	Newlands-Haynie Coal Co.	1	G. E. Haynie.	Pittsburg, 501 W. Euclid.	11	30	24					Frontenac		
55	N. C. Coal Co.	1	N. E. Ryan.	Pittsburg, 206 E. Kansas.	15	25	30					Litchfield		
56	Penrod Coal Co.	1	Geo. Penrod.	Cherokee	20	31	24		1 1/2		2 1/2	Cherokee		
57	North Weir Coal Co.	12	E. M. Roberts.	Mulberry	22	28	25		1			Croweburg		
58	Poll Coal Co.	1	William Martin.	Arcadia	12	25	28			1		Arcadia		
59	Prosperous Coal Co.	1	Dave Forsyth.	Frontenac	32	29	25			1 1/2		Frontenac		
60	Ralph Coal Co.	1	Frank Ralph.	Pittsburg, R. R. 6.	15	25	30					Litchfield		
61	Reidy Coal Co.	8	Tim Reidy.	Pittsburg, 708 W. Eighth.	16	29	25				1 1/4	Franklin		
62	R. S. & Q. Coal Co.	2	Ed Solomon.	Mulberry	4	28	25					Mulberry		
63	Scott Coal Co.	1		McCune								Monmouth		
64	Sheridan Coal Co.	18	E. M. Roberts.	Mulberry	31	29	25		2			Arma		
65	Sheridan Coal Co.	19	E. M. Roberts.	Mulberry	25	28	25					Mulberry		
66	Sheridan Coal Co.	21	E. M. Roberts.	Mulberry	36	29	24		1			Arma		
67	Simone Bros. Coal Co.	1	Victor Simone.	Weir	11	30	25			3/4	2	Frontenac		
68	Square Deal Coal Co.	2	Frank Krempusch.	Pittsburg	15	25	30		1 1/2		2 1/2	Pittsburg		
69	Standard Coal Co.	1	Mike Simone.	Weir	3	30	24				1 1/2	Frontenac		
70	Standlee Coal Co.	1	Joe Standlee.	Pittsburg, R. R. 6.	15	25	30					Frontenac		
71	State Line Coal Co.	1	J. A. Foulk.	Arcadia						1		Arcadia		
72	Super Coal Co.	1	Ernest F. Anselmi.	Pittsburg, 301 N. Broadway.	25	31	24					Quincy		
73	Swigart Coal Co.	1	Geo. Swigart.	Pittsburg, 104 E. Forest.	26	24	30					Pittsburg		
74	Three Coal Co.	13	E. J. Spineto.	Mulberry	16	28	25			4 1/2		Croweburg		
75	Trost Coal Co.	19	E. M. Roberts.	Pittsburg, 310 Globe Bldg.	34	29	24					Radley		
76	Two-Six Coal Co.	5	W. W. Bennington.	Mulberry	34	29	24					Radley		
77	Umbrla Coal Co.	5	John Aminolono.	Mulberry	12	28	25			2		Arcadia		
78	Victor Coal Co.	2	Antone Drenik.	Frontenac	7	30	25		2			Pittsburg		
79	Vulcon Coal Co.	2	J. H. Price.	Pittsburg, 311 Globe Bldg.	2	30	24			2		Radley		
80	Western Coal & Mining Co.	20	James D. Delaney.	Pittsburg, Nat'l Bank Bldg.	7	29	25					Arma		
81	Western Coal & Mining Co.	22	James D. Delaney.	Pittsburg, Nat'l Bank Bldg.	32	29	25		1			Arma		
82	Western Coal & Mining Co.	24	James D. Delaney.	Pittsburg, Nat'l Bank Bldg.	22	30	25		7		2 1/2	Pittsburg		
83	West Side Coal Co.	1	H. Loughborne.	Pittsburg, 809 W. Fourth.	36	24	30			3/4		Quincy		
84	Wilbert & Schreab Coal Co.	3	Julius Wilbert.	Pittsburg, Globe Bldg.	7	30	25					Quincy		
85	W. & G. Coal Co.	1	Tom Wilkinson.	Pittsburg, R. R. 5.	12	31	25			1	1	Midway		
86	Wort Coal Co.	1	Thomas Wort.	Pittsburg, R. R. 6.	14	30	25					Litchfield		

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Public Service Commission.

Mine Inspection Department.

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COAL-MINE DIRECTORY OF DEEP MINES IN CRAWFORD COUNTY—CORRECTED TO DECEMBER 31, 1928—CONCLUDED.

Office No.	Railroad connections.	Kind of opening.	Kind of hoist.	Number of feet of overburden.	Height of coal.		Remarks.
					Feet.	Ins.	
1	Frisco	Shaft	Steam	60	2	9	
2	Frisco	Shaft	Electric	225	3	6	
3	None	Shaft	Gas	22	3	4	
4							
5	Mo. Pac. and Santa Fe	Shaft	Electric	40	3	2	Abandoned.
6	Mo. Pac.	Shaft	Steam	248	2	8	Company dissolved December 31.
7	None	Shaft	Gas	26	3	8	Formerly North Coal Co.
8	None	Shaft	Gas	36	3	4	
9	None	Shaft	Gas	57	2	8	
10							
11	Santa Fe	Shaft	Electric	165	3	0	
12	Santa Fe	Shaft	Electric	160	3	0	
13	Frisco and Santa Fe	Shaft	Steam	229	3	3	
14	Frisco	Shaft	Steam	50	3	6	
15	Frisco	Shaft	Electric	45	2	8	
16							
17	Santa Fe	Shaft	Electric	114	2	10	
18	Frisco	Shaft	Steam	150	2	10	Idle during year.
19	Frisco	Shaft	Steam	110	2	8	Idle during year.
20	Frisco	Shaft	Electric	150	2	10	Idle during year.
21							
22	None	Shaft	Electric	45	3	0	
23	Santa Fe	Shaft	Electric	135	3	6	
24	None	Shaft	Gas	29	2	4	Started producing fourth quarter.
25							
26	Mo. Pac. and K. C. S.	Shaft	Electric	127	3	2	
27	Frisco	Shaft	Steam	50	2	8	
28	Santa Fe	Shaft	Steam	105	3	10	
29	Frisco	Shaft	Friction	90	3	2	
30	Santa Fe	Shaft	Friction	110	2	6	
31	Frisco	Shaft	Gas	29	3	8	
32	Frisco	Shaft	Gas	140	2	10	Idle during year.
33	None	Shaft	Steam	30	3	4	Successor to Brown Bros.
34	None	Slope	Gas	25	2	8	Out of business.
35	Frisco	Slope	Gas	30	3	8	
36	Santa Fe	Slope	Electric	50	2	5	Sublease from Victor Coal Co.
37	None	Slope	Gas	30	3	2	Sold to Cash Coal Co.
38	None	Slope	Gas	27	3	4	
39	None	Slope	Gas	35	3	6	
40	Santa Fe	Slope	Steam	44	2	8	
41	Frisco	Slope	Gas	35	2	8	
42	None	Shaft	Gas	22	3	4	Out of business.
43	Santa Fe	Shaft	Electric	65	2	10	
44	None	Shaft	Universal	65	3	0	
45	None	Shaft	Gas	38	3	2	
46	Frisco	Shaft	Steam	150	3	0	
47	None	Slope	Gas	22	3	0	
48	None	Slope	Electric	70	2	7	
49	None	Slope	Gas	30	2	8	
50	None	Slope	Gas	26	3	6	
51	None	Slope	Gas	40	3	0	
52	None	Slope	Steam	49	2	4	
53	Mo. Pac.	Slope	Steam	250	3	0	
54	Frisco	Slope	Electric	150	3	4	
55	None	Slope	Gas	27	3	4	Successor to Bensley Coal Co.
56	Mo. Pac.	Slope	Electric	50	2	0	Successor to J. P. & G. Coal Co.
57	Frisco	Slope	Electric	42	3	0	
58	Frisco	Slope	Gas	40	2	8	
59	Santa Fe	Shaft	Electric	110	2	10	
60	None	Shaft	Horse	23	3	6	
61	Mo. Pac.	Shaft	Steam	185	2	10	
62	Frisco	Shaft	Electric	42	3	0	
63	None	Shaft	Gas	51	2	0	
64	K. C. S.	Shaft	Electric	145	2	10	
65	K. C. S.	Shaft	Electric	62	2	8	
66	Mo. Pac.	Shaft	Steam	185	2	8	
67	None	Shaft	Gas	39	3	4	
68	None	Shaft	Gas	45	3	6	
69	Santa Fe	Shaft	Electric	78	3	2	
70	Frisco	Shaft	Gas	22	3	6	
71	Frisco	Slope	Gas	30	1	6	
72	None	Shaft	Electric	45	3	6	
73			Gas	30	3	0	
74	None	Shaft	Electric	94	3	0	
75	Frisco	Shaft	Electric	110	1	10	
76	Santa Fe	Shaft	Electric	185	3	2	
77	Frisco	Slope	Gas	48	2	6	
78	Santa Fe	Shaft	Electric	50	2	7	Leased to Jefferson Coal Co.
79	Santa Fe	Shaft	Electric	155	3	6	
80	Mo. Pac. and Santa Fe	Shaft	Steam	215	3	0	
81	Mo. Pac.	Shaft	Electric	270	3	4	
82	Mo. Pac.	Shaft	Electric	128	3	3	
83	None	Shaft	Gas	22	3	3	
84	Santa Fe	Shaft	Electric	115	3	0	
85	Santa Fe	Slope	Gas	30	3	4	
86	None	Shaft	Gas	23	3	6	

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Public Service Commission.

Mine Inspection Department.

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COAL-MINE DIRECTORY OF STRIP MINES IN CRAWFORD COUNTY—CORRECTED TO DECEMBER 31, 1928.

Office No.	NAME OF COMPANY.	Mine No.	Name of superintendent.	Post-office address of main or local office.	Location of mine.							
					Sec.	Twp.	Range.	Distance from—				
								Miles.				City or town.
								North.	South.	East.	West.	
1	Central Coal & Coke Co.	112	R. H. Reid	Pittsburg, 301 N. Broadway	24	29	25		2½			Mulberry
2	C. & M. Coal Co.	1	J. D. Callaway	Pittsburg, R. R. 5	7	31	25					Pittsburg
3	Commercial Coal Co.	1	A. M. Hubeck	Pittsburg, Globe Bldg.	28	30	24					Pittsburg
4	Dunkirk Coal Co.	1	S. E. Maness	Pittsburg, Globe Bldg.	34	24	25					Breezy Hill
5	Garrett Coal Co.	1	G. F. Garrett	Mulberry				1			1	Croweburg
6	G. H. & B. Coal Co.	1	C. M. Guthrie	Mulberry	25	28	25					Mulberry
7	Houston Coal Co.	1	R. L. Houston	Pittsburg	22	30	24					
8	Houston G. F. Coal Co.	1	G. F. Houston	Pittsburg	22	31	24					
9	Kelly-Carter Coal Co.	1	C. B. Jenkins	Mulberry, R. R. 1					¾		1	Mulberry
10	Lone Star Coal Co.	1	Geo. Mack	Pittsburg, Commerce Bldg.	25	29	25	1				Mulberry
11	Martin & Pellett Coal Co.	1	R. J. Nesch	Pittsburg, 510 W. First	14	30	24				2	Pittsburg
12	Menghini Coal Co.	1	Alva L. Pellett	Mulberry				2			3	Aradia
13	Monarch Coal Co.	1	Peter Menghini	Frontenac	4	30	25	½			½	Frontenac
14	M. & P. Coal Co.	1	F. E. Perkins	Pittsburg, 901 W. Third	21	28	25					
15	Peerless Coal Co.	1	John Morgan	Pittsburg, 712 W. Kansas	15	28	25	4½				Croweburg
16	Pioneer Coal Co.	1	E. D. Brennan	Mulberry	24	30	25			1		Curranville
17	Pittsburg Block Coal Co.	1	F. E. Perkins	Pittsburg, Box 87	21	28	25	3			¾	Croweburg
18	Practical Coal Co.	1	L. J. Carder	Pittsburg, 205 Globe Bldg.	30	30	25					Dunkirk
19	Republic Coal Co.	1	O. S. Hubert	Pittsburg, 1006 S. Olive	28	31	24				3	Pittsburg
20	Republic Coal Co.	1	Silas James	Mulberry	10	29	25	¼			½	Breezy Hill
21	Republic Coal Co.	2	Silas James	Mulberry	22	28	25					Grove
22	Ridge Coal Co.	1	G. M. Petgen	Mulberry	26	28	25	1			½	Croweburg

Public Service Commission.

COAL-MINE DIRECTORY OF STRIP MINES IN CRAWFORD COUNTY—CORRECTED TO DECEMBER 31, 1928—CONCLUDED.

Office No.	Railroad connections.	Kind of opening.	Kind of hoist.	Number of feet of overburden.	Height of coal.		Remarks.
					Feet.	Ins.	
1	K. C. S.	Strip	Steam	35	3	4	
2	None	Strip		12	3	6	
3	Santa Fe	Strip		12	2	10	
4	J. & P.	Strip		12	1	0	
5	None	Strip		12		10	
6	K. C. S.	Strip	Electric	17	1	6	
7		Strip		15	2	2	
8		Strip		10	1	4	
9	None	Strip	None	18	2	8	
10	K. C. S. and J. & P.	Strip	Electric	18	2	2	
11	J. & P.	Strip				10	Ceased operating December 31.
12	None	Strip	None	20	2	2	
13	Santa Fe	Strip	Electric	12	1	4	
14	Frisco	Strip	Electric	12	1	4	
15	Frisco	Strip	Electric	20	3	0	
16	Frisco	Strip	Electric	14	1	4	
17	Frisco	Strip	Electric	18	1	4	
18	Mo. Pac. and Santa Fe	Strip	Electric	17	2	0	
19	None	Strip	Electric	11	1	0	
20	K. C. S.	Strip	Electric	17	1	6	Succeeded Prairie Coal Co.
21	Frisco	Strip	Electric	17	1	6	
22	Frisco	Strip	Horse	14	1	2	

Mine Inspection Department.



COAL-MINE DIRECTORY OF MINES IN FRANKLIN COUNTY—CORRECTED TO DECEMBER 31, 1928.

Location of mine.												
Office No.	NAME OF COMPANY.	Mine No.	Name of superintendent.	Post-office address of main or local office.	Sec.	Twp.	Range.	Distance from—				
								Miles.				City or town.
								North.	South.	East.	West.	
1	Bell Coal Co.	1	John Bell	Williamsburg								
2	Decker Coal Co.	1	W. H. Decker	Williamsburg				3			Williamsburg	
3	Hudson Coal Co.	1	Hudson	Williamsburg					2		Williamsburg	
4	Sweetwood Coal Co.	1	Frank Sweetwood	Williamsburg						2	Williamsburg	
5	Welsh Coal Co.	1	Roy Welsh	Williamsburg				4		4	Williamsburg	
6	Yockey Coal Co.	1	John Yockey	Williamsburg				7			Williamsburg	
								7		2	Williamsburg	

COAL-MINE DIRECTORY OF MINES IN FRANKLIN COUNTY—CORRECTED TO DECEMBER 31, 1928—CONCLUDED.

Office No.	Railroad connections.	Kind of opening.	Kind of hoist.	Number of feet of overburden.	Height of coal.		Remarks.
					Feet.	Ins.	
1	None	Drift	None	30	1	2	
2	None	Drift	None	30	1	2	
3	None	Drift	None	30	1	2	
4	None	Drift	None	30	1	2	
5	None	Drift	None	30	1	2	
6	None	Drift	None	30	1	4	