

State inspector of coal mines reports

Section 19, Pages 541 - 570

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.

Creator: Kansas. Inspector of Coal Mines

Date: Between 1884 and 1956

Callnumber: SP 622 K13

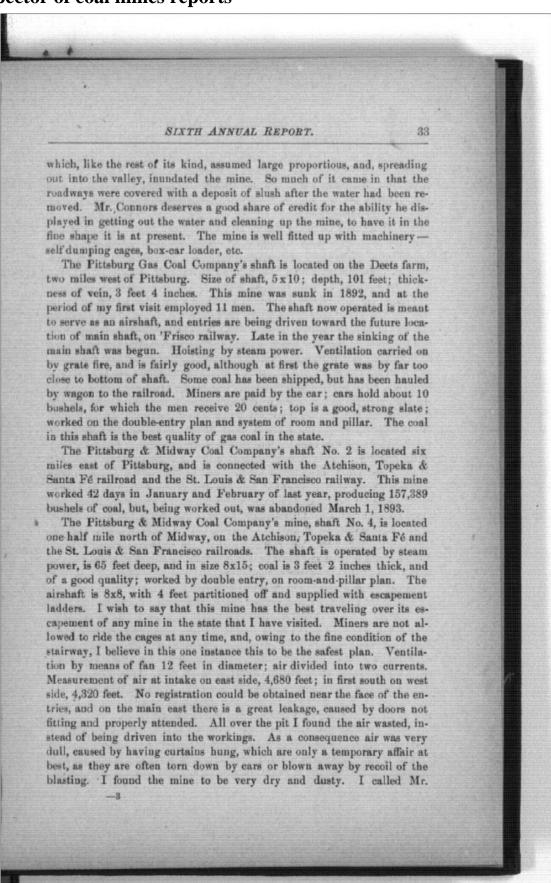
KSHS Identifier: DaRT ID: 210191

Item Identifier: 210191

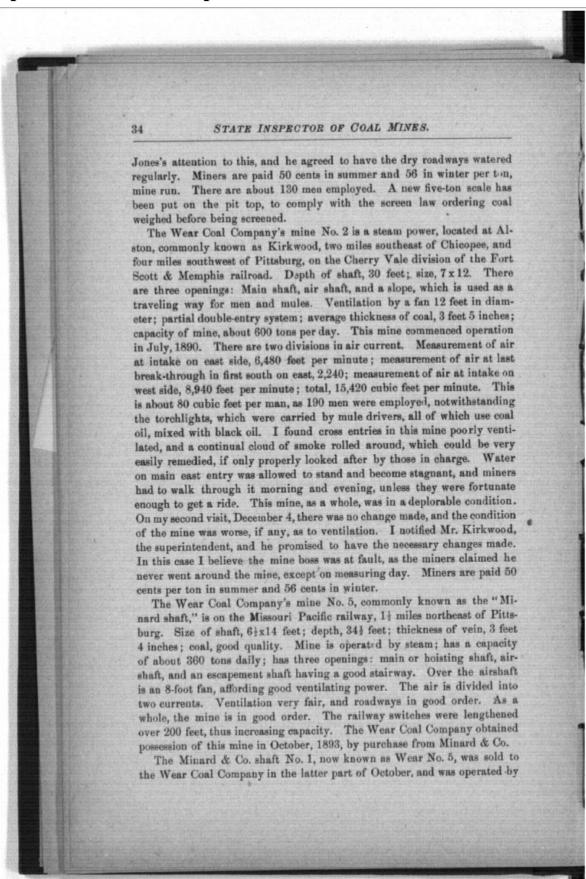
www.kansasmemory.org/item/210191

KANSAS HISTORICAL SOCIETY

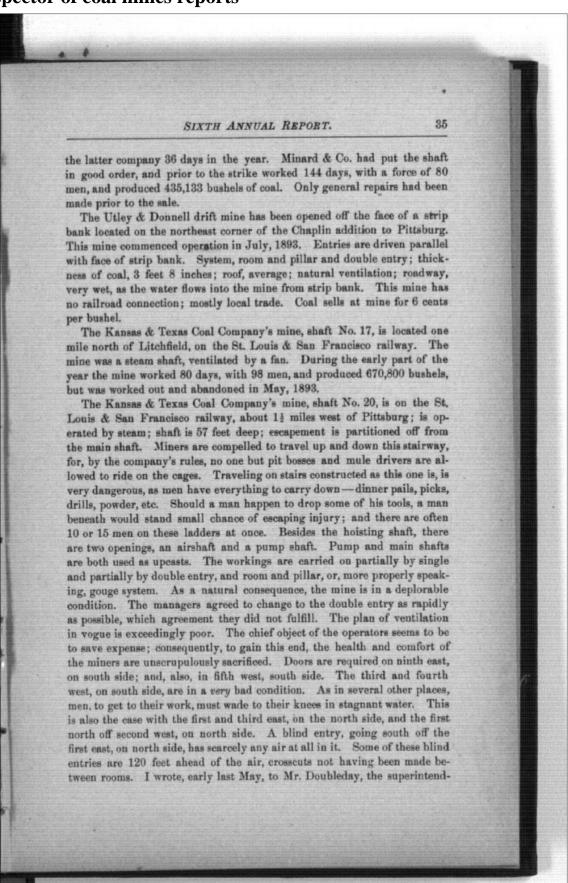




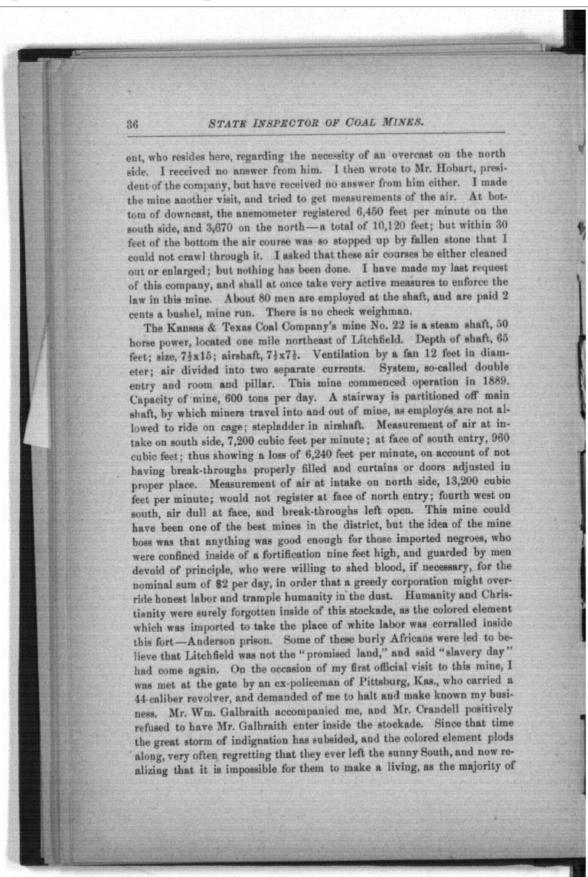




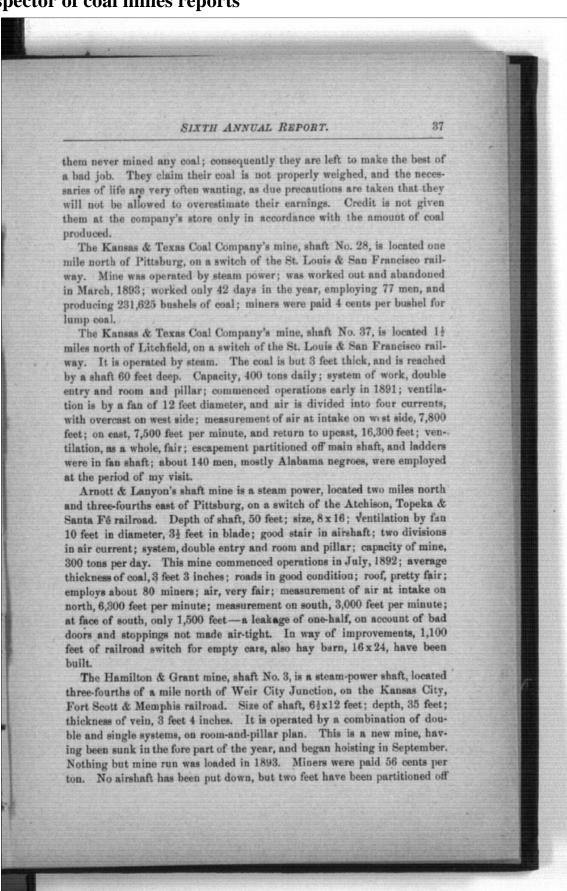




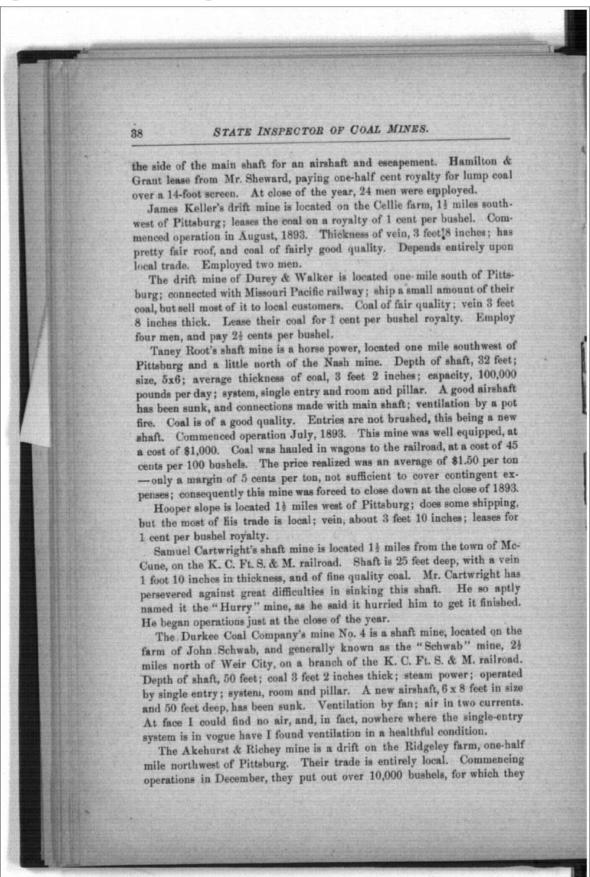




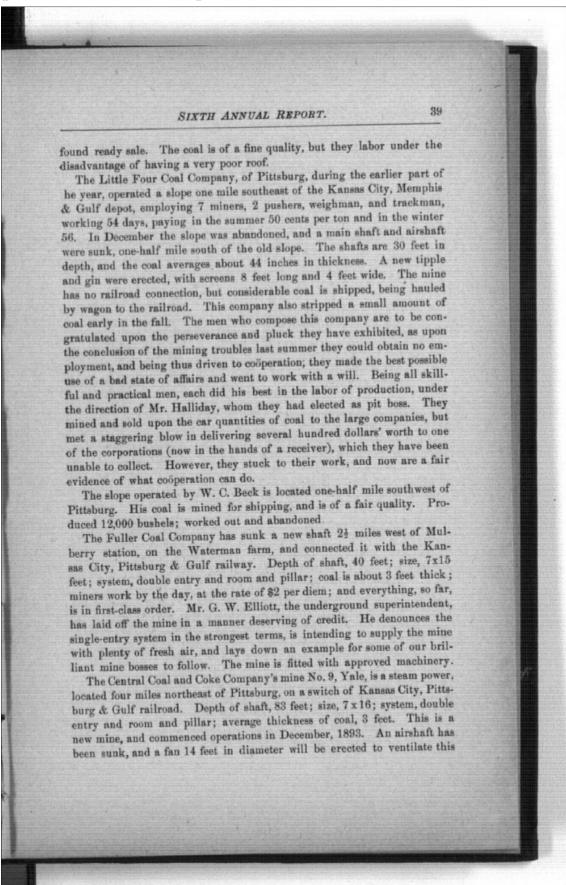




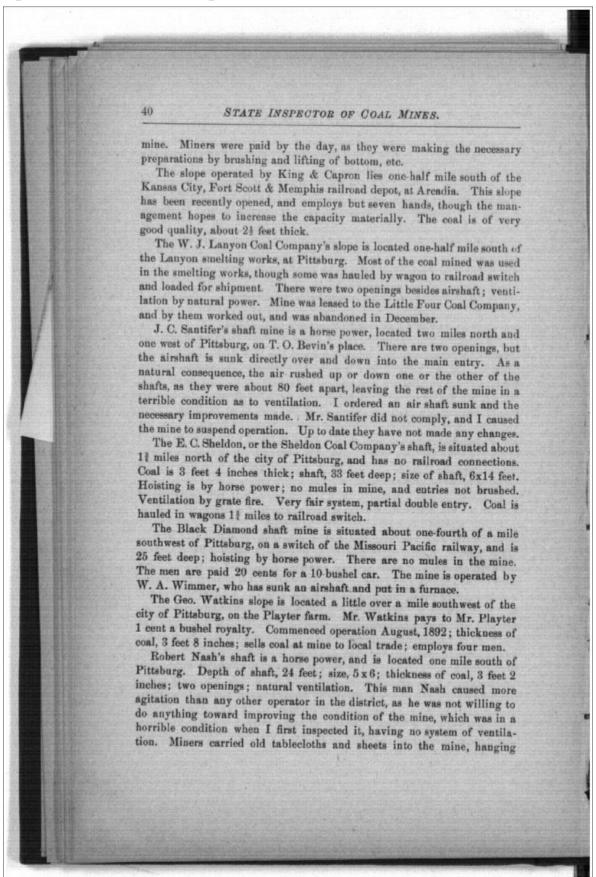




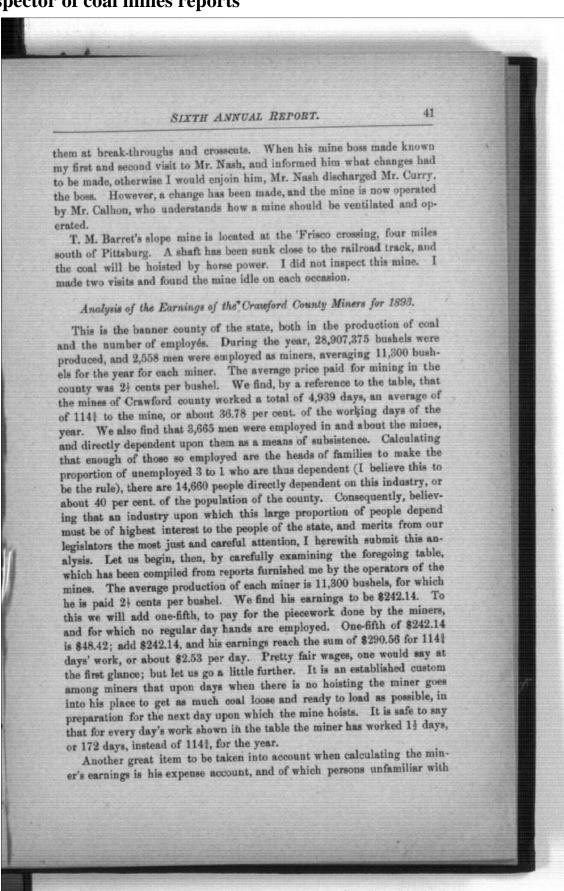




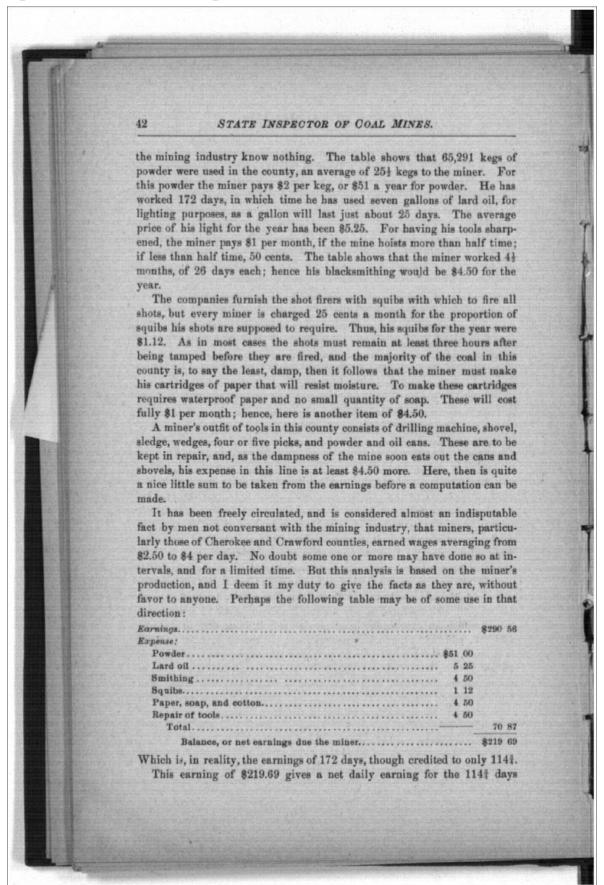




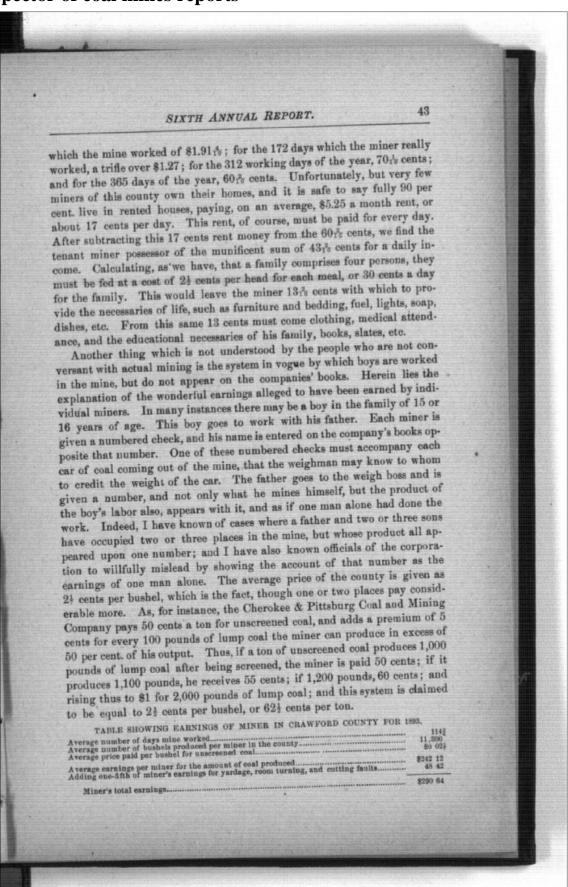




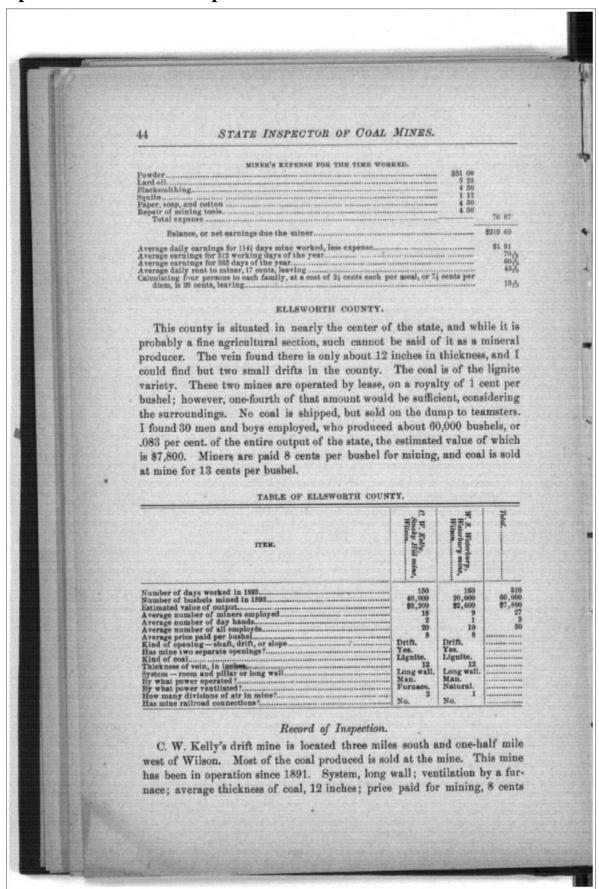




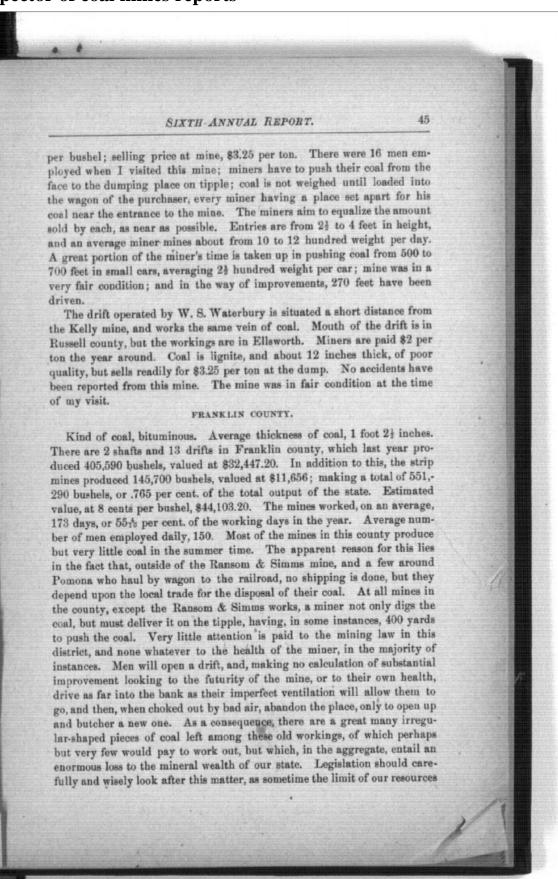




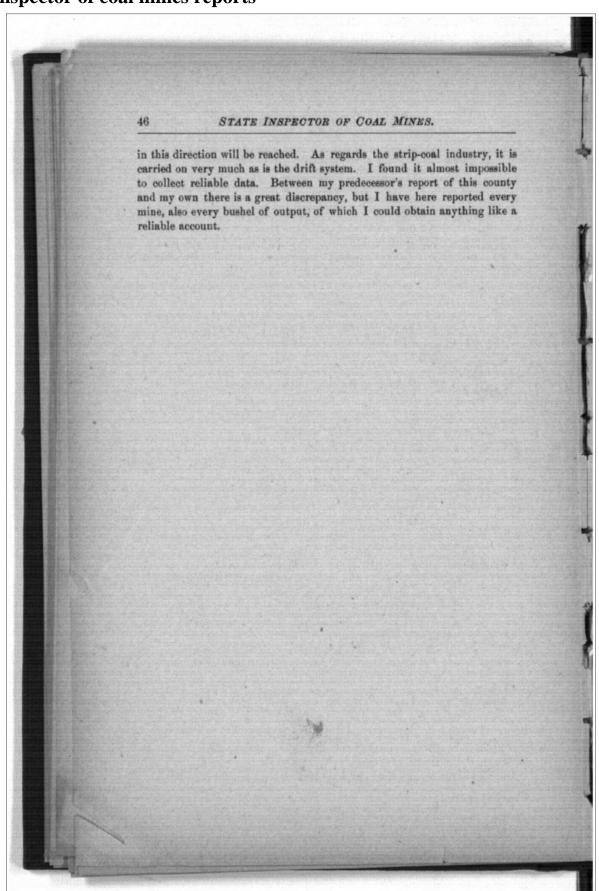




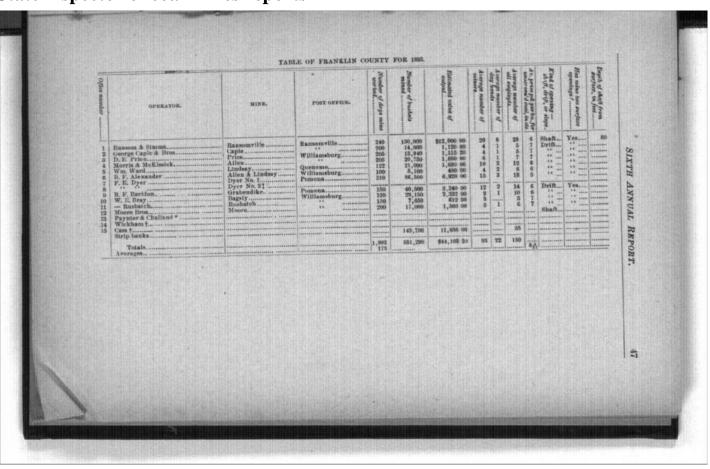




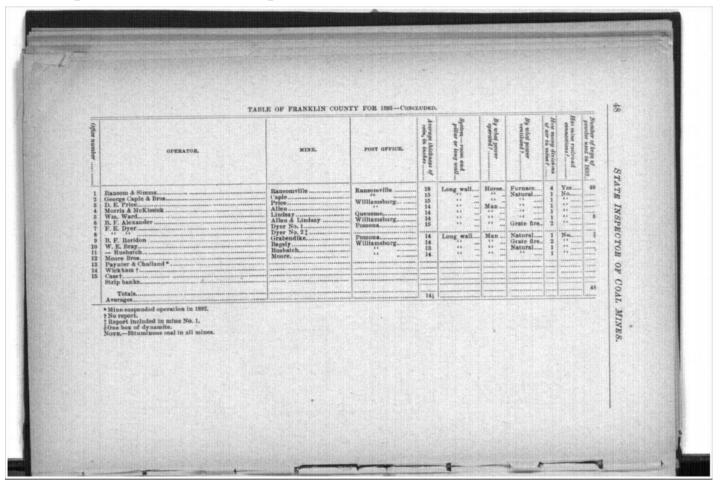




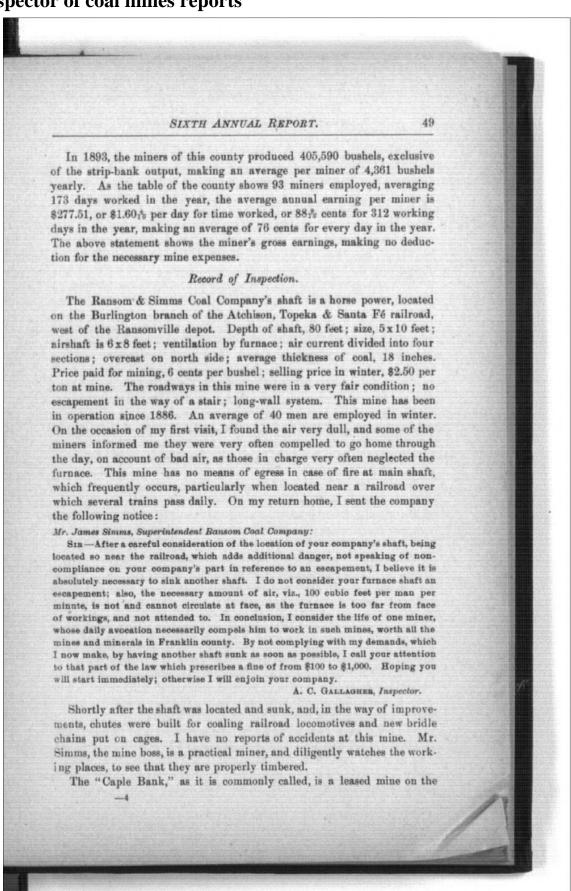




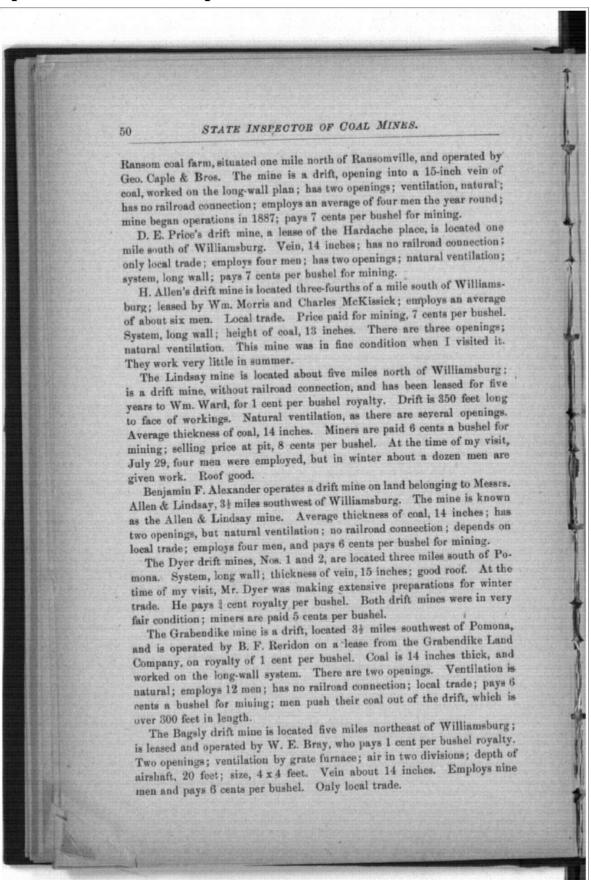




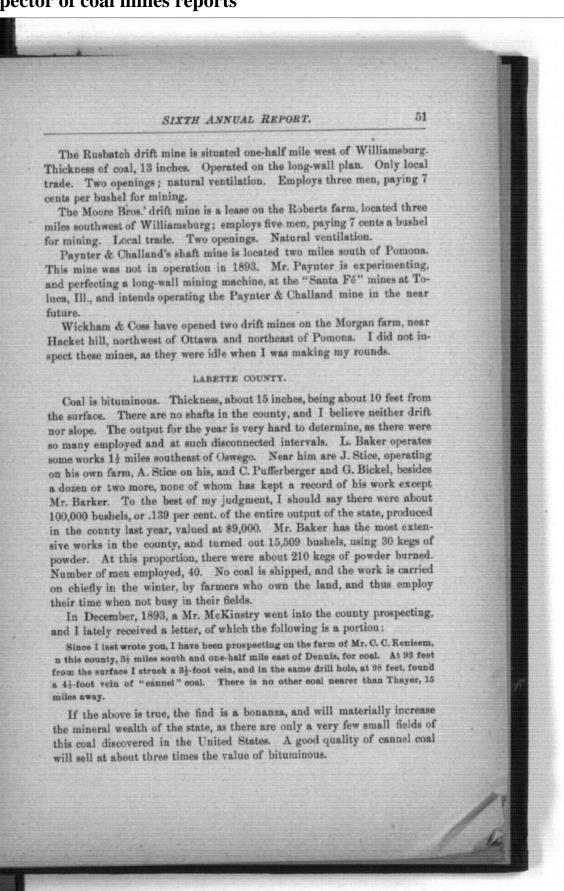




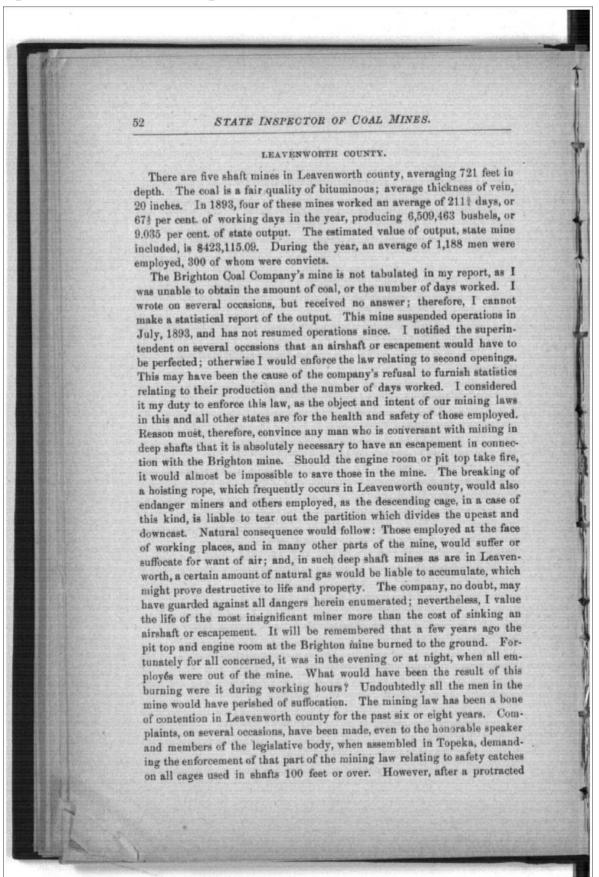




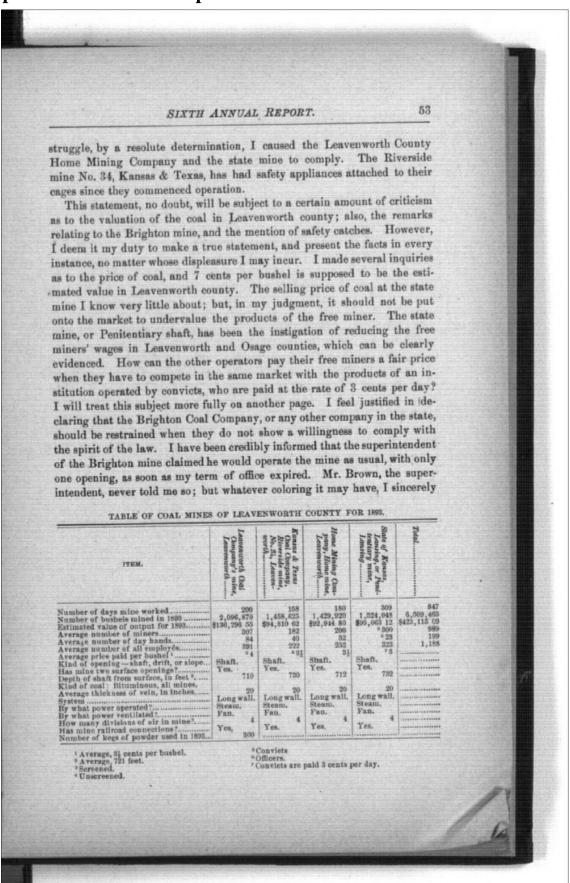




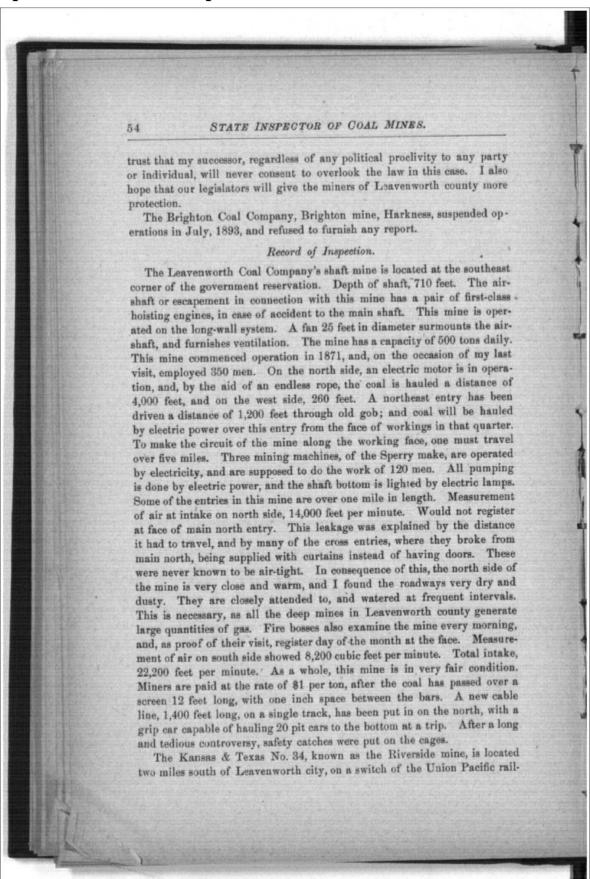




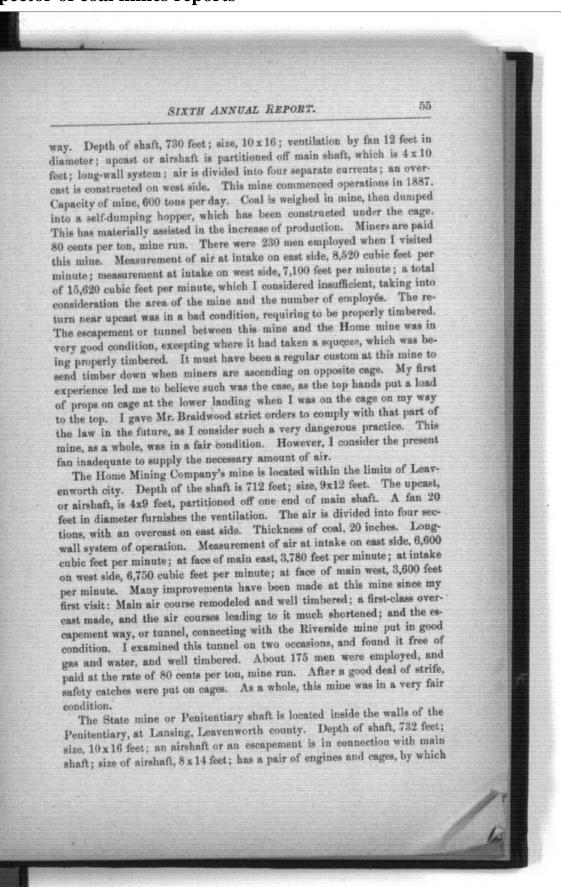














State inspector of coal mines reports

STATE INSPECTOR OF COAL MINES.

considerable coal is hoisted; ventilation by fan 16 feet in diameter; an air current is divided into four sections or spiles; overcast on north side of shaft bottom. Distance between bottom of main shaft and airshaft, 200 feet: distance from bottom of main shaft to face of north, east and west main entries is about one-half mile; distance from bottom of shaft to face of south entry, 1,351 feet. The area or excavations of this mine are supposed to be more than 180 acres at present; long-wall system; average thickness of coal, 20 inches; slate roof, which is very fair, as a whole, all over the mine. The working places in this mine are examined every morning by fire bosses before employés enter their respective working places. The superintendent informed me that the air current was measured every morning, and a proper record kept of same. However, he failed to report such measurements to my office, which, according to the mining law, should be done once a month. On the occasion of my first visit, I learned that the law relating to safety catches was violated. Mr. Robert Lamm, who was then superintendent, claimed that "a good, strong rope was the best safety catch that could be applied." This may be true; but, in my judgment, the institutions of the state should be the first to comply with the laws as enacted; therefore, I notified the superintendent and warden to comply with that part of the law relating to safety catches on cages in Leavenworth county, which has been done. Mr. Lamm did not show any desire to evade any part of the law, and immediately proceeded to make the necessary preparations. In a short time he perfected his undertaking, putting a substantial safety appliance on cages at the escapement shaft. Mr. Bunn, the present superintendent, Mr. Lamm's successor, has made several improvements in the way of changing air courses and remodeling the same. At my last visit, in December, I inspected the escapement shaft and main shaft; both required new cribbing, particularly the escapement shaft. I reported the condition to the governor, and he promised me they should receive immediate attention. Mr. E. Simpson has succeeded Oscar Lamm as mine boss, and has devoted a great portion of his time in making improvements, particularly in ventilation. In 1893, this mine produced 1,524,048 bushels, and employed an average of 323 employés; estimated value of output, at 6½ cents per bushel, \$99,063.12. This may not be the price; however, I value it the same as the production of the other mines in the county.

Analysis of the Miners' Earnings in Leavenworth County for 1893.

In giving an estimate of miners' earnings in Leavenworth county, it would not be fair to include the State mine or the Leavenworth Coal Company's mine, as convicts produce all the coal mined at Lansing, or Penitentiary mine, and are employed every day, except Sundays and legal holidays, and the Leavenworth Coal Company use electric mining machines, by which a large portion of the output is mined. Therefore, an average of the Home



State inspector of coal mines reports

SIXTH ANNUAL REPORT.

57

and Riverside mines is considered a fair basis upon which to compute the earnings of the Leavenworth county coal miner.

The Kansas & Texas Coal Company's Riverside mine No. 34 worked 158 days, employing an average of 182 miners, and producing 1,458,625 bushels of coal. The Home Mining Company's mine worked 180 days, employing an average of 200 miners daily, and producing 1,429,920 bushels of coal for the year 1893. The Riverside mine worked 22 days less than the Home mine, and employed 18 less miners, yet the Riverside mine produced 28,705 bushels more coal than the Home mine.

The Riverside mine and Home mine both produced 2,888,545 bushels, and employed 382 miners. Both mines worked an average of 169 days. (See table.) This would be an output of 7,561 % bushels, or 302 tons and 928 pounds for each miner for the year 1893; thus making a daily average of 44% bushels for each miner for the time employed. As the price paid for unscreened coal was 3% cents per bushel, or 80 cents per ton, the aggregate annual earnings of the Leavenworth county coal miner was \$241.97. To this we will add one-tenth of the miner's average annual earnings, which is \$24.19, to pay for work, such as room turning, brushing, etc., which is 8 cents per ton in excess of the mining price for every ton mined in the county. This does not include any other necessary expense to the company, except that paid the miner. One-tenth of \$241.97 equals \$24.19; making a gross earning of \$266.16.

The necessary expense must, therefore, be deducted from the gross earnings. For blacksmithing, the miner of Leavenworth county pays 1½ cents per ton. As the average output per miner was 302 tons for 1893, therefore the cost for blacksmithing would be \$3.62. Lard oil costs 60 cents per gallon. A gallon of oil will last the miner for lighting purposes an average of 25 days. As the average number of days the mine worked was 169, the cost for oil would be \$4.20. This is not making an allowance for the time the miner worked when the shaft was not hoisting. The average annual cost to the miner for keeping mining tools in repair would be about \$2.50, making a total expense of \$10.32, which cannot be avoided. Thus leaving the miner \$255.84 for his yearly earnings, or \$21.32 for every month in the year, or \$1.51\frac{1}{2}\$ per day for an average of 169 days mine worked; 82 cents per day for the 312 working days of the year, or an average of 70 cents for the 365 days of the year.

We find that the average house rent paid by the miners of Leavenworth county is \$7.20 per month, or 24 cents per day, leaving the miner 46 cents per day, with which he is supposed to feed and clothe his family. Allowing four persons to each family in Leavenworth county—as in Cherokee, Crawford and Osage counties—and calculating at the rate of 2½ cents each per meal, and three meals per day, we find that it would cost the miner 30 cents a day for food. This leaves the enormous sum of 16 cents, with which the miner has to buy fuel, clothing, boots and shoes, and the necessaries



