

Reports of the Kansas State Board of Agriculture

Section 40, Pages 1171 - 1200

These reports by the State Board of Agriculture include the proceedings of the board, reports for the previous year, maps of counties, abstracts of counties, miscellaneous articles, and reports of agricultural societies, the state fair, state and county statistics, agricultural industries and products, the agricultural college, and the Kansas Academy of Science. The annual reports began in 1872 and were succeeded by biennial reports beginning in 1877-78. Volume numbers were discontinued with the 1953-1956 report; the last being volume 44. From 1953 to 1976 the reports drop "biennial" from the title. Annual reports begin again from 1976 to 1984, except 1982-1983 which is biennial. The dates for each report reflects the reporting year and not the publication date, which was usually a year later. The title of each report reflects the form given on the title page. Only volumes 1 (1872), 2 (1873), 3 (1874), 4 (1875), the centennial edition (1875), 5 (1876), 6 (1877-1878), 7 (1879-1880), 10 (1885-1886), 11 (1887-1888), 13 (1891-1892), and 14 (1893-1894) are currently available.

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THIRD ANNUAL REPORT.

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has 64,749 acres; prices, \$2.75 to \$10. Prices of other unoccupied lands: Maximum, \$20 per acre; minimum, \$2.50; average, \$7.50. Cost of breaking prairie, \$3 per acre.

Miscellaneous.—Fences in use, mostly wire. Cost of rearing hedge, 65 cents per rod; rails per hundred, \$6; native lumber, \$25 per thousand; pine, \$35. The herd law is in force in the county. Sheep husbandry has not been engaged in to any considerable extent.

CITY OF NEWTON.

| Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... | Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... |
|---|-----------------------------|--|-----------------------------------|-----------------------------|--|
| Agricultural implements and wagons..... | 3 | \$21,500 | Groceries..... | 2 | \$23,000 |
| Books and periodicals and stationery..... | 1 | 1,000 | Hardware..... | 1 | 16,000 |
| Boots and shoes..... | 1 | 4,000 | Jewelry, clocks, watches, &c..... | 1 | 500 |
| Clothing and tailoring..... | 2 | 850 | Lumber..... | 2 | 6,500 |
| Confectionery..... | 2 | 3,000 | Millinery..... | 2 | 500 |
| Drugs, oils and paints..... | 2 | 16,000 | General country store..... | 7 | 93,000 |
| Furniture and upholstery..... | 1 | 3,000 | Saddles and harness..... | 1 | 3,000 |

HOWARD.

Organized in 1870. Population by the United States census of that year, 2,794; by the census of 1874, 13,872: increase since 1870, 11,078.

Principal Towns.—Elk Falls, 400; Longton, 300; Cedar Vale, 300; Peru, 300.

Face of the Country.—Bottom land 25 per cent., 8 per cent. of timber, and the remainder upland prairie. The center and northwestern portions are generally level, but upon the whole the surface of the country is considerably broken.

Timber.—Some of the bluffs are thickly covered with post oak, but the timber is mainly confined to the margins of the streams, and consists of oak, walnut, elm, hackberry, hickory, &c.

Principal Streams.—Elk river, Big Caney, North Caney, Middle Caney and Little Caney. There are besides numerous small streams, and the county is well watered. The general direction of the streams is from northwest to southeast. There is also a great profusion of excellent springs. Good well water obtained at a depth of from 15 to 20 feet.

Coal.—Veins of coal have been discovered, ranging near the surface, and from 3 to 16 inches thick; quality, good; none is exported from the county.

Building Stone, etc.—Stone of good quality abounds throughout the county. There is an establishment for the working of pottery clay on Salt creek.

Railroad Connections.—No railroads have yet been constructed in the county.

Agricultural Statistics.—Taxable acres, 300,317; under cultivation, 87,604; relative per cent. of cultivated to taxable acres, 29.17; increase of cultivated acres during the year, 20,443.

| Crop. | No. acres of each Crop.. | Amount of each Crop.. | Value of Product..... | Crop. | No. acres of each Crop.. | Amount of each Crop.. | Value of Product..... |
|-------------------------|--------------------------|-----------------------|-----------------------|-----------------------------|--------------------------|-----------------------|-----------------------|
| Winter wheat.....bu. | 9,740.00 | 194,800 | \$185,060 | Hemp.....lbs. | 28.00 | 11,200 | \$1,120 |
| Rye.....bu. | 225.00 | 2,250 | 1,688 | Tobacco.....lbs. | 33.00 | 21,450 | 987 |
| Spring wheat.....bu. | 3,769.1 | 895,900 | 335,963 | Broom corn.....lbs. | 420.00 | 420 | 1,890 |
| Corn, seed.....bu. | 41,026.1 | 86.00 | 1,290 | Millet.....tons. | 143.00 | 143 | 644 |
| Corn, old land.....bu. | 86.00 | 1,290 | 1,226 | Hungarian.....tons. | 56.00 | 56 | 252 |
| Barley.....bu. | 3,028.00 | 45,420 | 18,168 | Timothy, meadow, tons. | 97.00 | 194 | 873 |
| Oats.....bu. | 40.00 | 400 | 600 | Clover, meadow.....tons. | 10,984.00 | 8,236 | 24,708 |
| Buckwheat.....bu. | 1,658.00 | 29,844 | 37,305 | Timothy pasture.....acs. | ..... | ..... | ..... |
| Potatoes, Irish.....bu. | 71.00 | 710 | 888 | Clover pasture.....acs. | ..... | ..... | ..... |
| Potatoes, sweet.....bu. | 752.00 | 37,600 | 16,920 | Prairie, mead., fenced " | 21.00 | ..... | ..... |
| Sorghum.....gall. | 400.00 | 6,400 | 8,640 | Blue-grass pasture, acs. | 14,371.00 | ..... | ..... |
| Castor beans.....bu. | 404.00 | 2,020 | 263 | Prairie past., fenced, acs. | | | |
| Cotton.....lbs. | 11.00 | 110 | 154 | Total..... | 87,604.00 | | \$638,307 |
| Flax.....bu. | | | | | | | |

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STATE BOARD OF AGRICULTURE.

Dairy Products.—Amount of cheese manufactured in 1873, 845 lbs.; in 1874, 546 lbs.: decrease, 299 lbs. Butter manufactured in 1873, 117,978 lbs.; in 1874, 183,683 lbs.: increase, 65,705 lbs.

Farm Animals.—Number of horses in 1873, 3,538; in 1874, 5,859: increase, 2,321. Mules and asses in 1873, 531; in 1874, 559: increase, 28. Cattle in 1873, 15,686; in 1874, 23,818: increase, 8,132. Sheep in 1873, 2,623; in 1874, 4,322: increase, 1,699. Swine in 1873, 10,156; in 1874, 15,874: increase, 5,718.

Horticulture.—Acres of nurseries in 1874, 31; orchards, 2,486; vineyards, 18.

Apiaculture.—Number of stands of Italian bees, 6; native bees, 5; number of pounds of honey, 85.

Water Powers.—There are numerous undeveloped water privileges in the county. At Elk Falls, upon Elk river, there is a perpendicular fall of eight feet, with power sufficient for all the wants of the county.

Manufactures.—Sedan township, steam saw and grist mill, with capital of \$2,500; Washington township, steam saw and grist mill, capital \$800; Union Center township, water-power grist mill and broom factory, capital \$2,530; Howard township, wagon manufactory, with nominal capital.

Banks.—There are no national banks in the county, and but one private bank, that of L. L. Turner & Co., at Elk Falls.

Newspapers.—Three weekly papers are published in the county, the *Elk Falls Journal* and *Howard County Ledger*, at Elk Falls, and the *Wide Awake* at Sedan.

Schools, etc.—Number of school districts, 141; school houses, 103; value of school buildings and grounds, furniture and apparatus, \$58,867.

Churches.—Congregational: Organizations 1, membership 8. Baptist: Organizations 18, aggregate membership 413. Methodist: Organizations 15, membership 400; Episcopal: Organizations 1, membership 8. Catholic: Organizations 3, membership 480.

Lands.—Acres of school lands unsold, 32,560. Prices of unoccupied lands: Maximum \$4.00, minimum (Government), \$1.25; general average, about \$2.50 per acre. Cost of breaking, about \$3.00 per acre.

Miscellaneous.—Fences, post and rail, rock. Cost of rearing hedge until it will turn stock, 75 cents per rod; stone fence, \$1.25 to \$2.50 per rod; rails per hundred, \$3.00 to \$4.00; native lumber, soft \$2.00, hard \$2.50 per hundred; pine, \$3.50 to \$6.00 per hundred. The night herd law is in force in a portion of the townships. Sheep husbandry, with proper attention, is considered a profitable industry.

JACKSON.

Organized in 1857. Population in 1860, 1,936; in 1870, 6,053: increase in ten years, 4,117. Population in 1874, 6,583: increase since 1870, 530.

Principal Towns.—Holton, the county seat; population 700. Netawaka, population 200; Circleville, population 150.

Face of the Country.—Bottom land 13 per cent., upland 87 per cent., forest 5 per cent., prairie 95 per cent. Average width of bottoms one mile, general surface of the country undulating.

Timber.—Average width of timber belts, one half-mile. Varieties, white oak, walnut, hickory, black oak, cottonwood, elm, hackberry and sycamore.

Principal Streams.—Muddy, Walnut, Little and Big Straight creeks run southeast; Elk and Bill's creeks, east; North and South Cedars, southeast to the Grasshopper river; East and West Muddy, south to Kansas river; Little Soldier, Big Soldier, Cross Creek, and Little Cross Creek, south to the Kansas river. The county is well supplied with springs; good well water reached from 10 to 60 feet.

Coal.—Thin veins of coal crop out in various places along the streams, but none of consequence has been developed; wood is cheap and is the chief fuel used.

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Building Stone, etc.—Good building stone found on almost every section. A salt vein was struck in digging a well in Jefferson township, but its extent and value have not been tested; said to be plenty of mineral paint and pottery clay, as well as a bed of gypsum. As none of these have been utilized the reports are rather vague.

Railroad Connections.—The Kansas Central (narrow gauge) Railroad enters the county on the eastern border and extends in a northwesterly direction to Holton, furnishing a direct connection with Leavenworth and with the Atchison, Topeka and Santa Fe Railroad at Grasshopper Falls.

Agricultural Statistics.—Taxable acres, 335,624; cultivated acres, 87,753; relative per cent. of cultivated to taxable acres, 26.15; increase of cultivated acres during the year, 16,653.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|-------------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 9,493.00 | 113,916 | \$96,829 | Hemp.....lbs. | | | |
| Rye.....bu. | 818.00 | 6,544 | 4,908 | Tobacco.....lbs. | 8.00 | 5,600 | \$560 |
| Spring wheat.....bu. | 4,875.00 | 24,375 | 15,844 | Broom corn.....lbs. | 56.00 | 39,200 | 1,803 |
| Corn, sod.....bu. | 794 | 322,450 | 257,960 | Millet.....tons. | 1,373.00 | 1,373 | 8,238 |
| Corn, old land.....bu. | 31,451 | | | Hungarian.....tons. | 749.00 | 749 | 4,494 |
| Barley.....bu. | 196.00 | 2,940 | 2,499 | Timothy, mead.....tons. | 370.00 | 370 | 2,220 |
| Oats.....bu. | 7,452.00 | 111,780 | 55,890 | Clover, meadow.....tons. | 409.00 | 614 | 3,684 |
| Buckwheat.....bu. | 108.00 | 1,944 | 2,916 | Prairie, mead., fenc'd "..... | 21,700.00 | 16,275 | 65,100 |
| Potatoes, Irish.....bu. | 578.00 | 28,900 | 28,900 | Timothy pasture.....acs. | 54.00 | | |
| Potatoes, sweet.....bu. | 15.00 | 900 | 1,125 | Clover pasture.....acs. | 36.00 | | |
| Sorghum.....gall. | 256.00 | 20,480 | 10,240 | Blue-grass pasture, acs. | 179.00 | | |
| Castor beans.....bu. | 1.00 | 16 | 23 | Prairie past., fenc'd, acs. | 5,839.00 | | |
| Cotton.....lbs. | 1.50 | 45 | 6 | | | | |
| Flax.....bu. | 941.00 | 10,351 | 15,527 | Total..... | 87,752.50 | | \$578,766 |

Dairy Products.—Cheese manufactured in 1873, 2,489 lbs.; in 1874, 1,373 lbs.: decrease 1,114 lbs. Butter made in 1873, 206,269 lbs.; in 1874, 487,408 lbs.: increase 281,139 lbs.

Farm Animals.—Number of horses in 1873, 3,849; in 1874, 4,622: increase, 773. Mules and asses in 1873, 327; in 1874, 433: increase, 106. Cattle in 1873, 12,275; in 1874, 17,569: increase, 5,294. Sheep in 1873, 752; in 1874, 1,102: increase, 350. Swine in 1873, 6,587; in 1874, 10,210: increase, 3,623.

Horticulture.—Acres of nurseries, 25; orchards, 1,907; vineyards, 26.

Apiculture.—Stands of Italian bees, 37; natives, 160; pounds of honey produced, 930; wax, 4.

Water Powers.—Several mills are being erected, and a number of good powers are not utilized.

Manufactures.—Franklin township, steam flouring mill, water-power flouring mill, combined capital \$11,800. Straight creek township, water-power grist mill, capital \$2,500. Cedar township, steam saw mill, capital \$500. Jefferson township, steam saw mill, capital \$1,000. Soldier township, steam saw and flouring mill, capital \$1,000.

Banks.—Farmers' Bank, at Holton; Holton Exchange Bank of Holton.

Newspapers.—The *Express* and *News*, published weekly, at Holton.

Schools, etc.—Organized school districts, 63; school houses, 53; value of school buildings and grounds, furniture and apparatus, \$52,975.

Churches.—Presbyterian: Organizations 3, membership 116, church edifices 2, valuation \$5,800. Baptist: Organizations 4, membership, 225, church edifices 1, valuation, \$2,500. Methodist: Organizations 3, membership 404, church edifices 1, valuation \$5,800. Episcopal: Organizations 1, membership 9, church edifices 1, valuation \$1,000. Catholic: Organizations 2, membership 240, church edifices 1, valuation \$800.

Lands.—The unoccupied lands are mainly held by private owners. Prices range from \$5 to \$12 per acre. Cost of breaking prairie \$3 per acre.

Miscellaneous.—Fences in use, hedge, wire, plank, rail and stone. Cost of rearing hedge,

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40 to 50 cents per rod; rails per hundred, \$2.75 to \$3.25; native lumber, \$18 to \$20 per thousand; pine, \$20 to \$50 per thousand. The herd law is not in force. Sheep raising has not been sufficiently tested to determine whether it is profitable or otherwise; what is called a "lawful fence" will not turn sheep, and they would require to be herded.

CITY OF HOLTON.

| Name and kind of business. | No. of business houses. | Value of goods sold during the year. | Name and kind of business. | No. of business houses. | Value of goods sold during the year. |
|---------------------------------------|-------------------------|--------------------------------------|-------------------------------|-------------------------|--------------------------------------|
| Agricultural implements and wagons. | 3 | \$6,400 | Jewelry, clocks, watches, &c. | 1 | \$500 |
| Books and periodicals and stationery. | 2 | 1,100 | Lumber. | 2 | 24,000 |
| Boots and shoes. | 7 | 14,800 | Millinery. | 2 | 1,800 |
| Clothing and tailoring. | 5 | 13,000 | Queensware. | 4 | 1,800 |
| Confectionery. | 1 | 1,600 | Saddles and harness. | 2 | 7,500 |
| Dry goods. | 4 | 30,500 | Sewing machines. | 2 | 7,465 |
| Drugs, oils and paints. | 2 | 11,000 | Butchers. | 2 | 4,200 |
| Furniture and upholstery. | 1 | 1,000 | Stove and tinware. | 2 | 10,500 |
| Groceries. | 7 | 33,500 | Machine shop. | 1 | 1,000 |
| Hardware. | 5 | 9,200 | Photograph. | 2 | 2,120 |
| Hats and caps. | 4 | 2,900 | | | |

JEFFERSON.

Organized in 1855. Population in 1860, 4,459; in 1870, 12,526: increase in ten years, 8,067. Population in 1874, 12,498; decrease since 1870, 28.

Principal Towns.—Oskaloosa, the county seat, population 900; Grasshopper Falls, population 1,000; Winchester, Perry.

Face of the Country.—Bottom land 15 per cent., upland 85 per cent., forest 5 per cent., prairie 95 per cent. Average width of bottoms from half a mile to one mile, general surface of the country undulating.

Timber.—Average width of timber belts, one half-mile. Varieties, oak, hickory, walnut, hackberry, elm, maple, cottonwood, etc.

Principal Streams.—The Grasshopper river flows through the county, west of the center, from north to south, and empties into the Kansas river at Perry; Rock creek, in the western part of the county, flows south into the Kansas river. There are also numerous smaller streams. Springs are not very abundant; good well water obtained at from 20 to 40 feet.

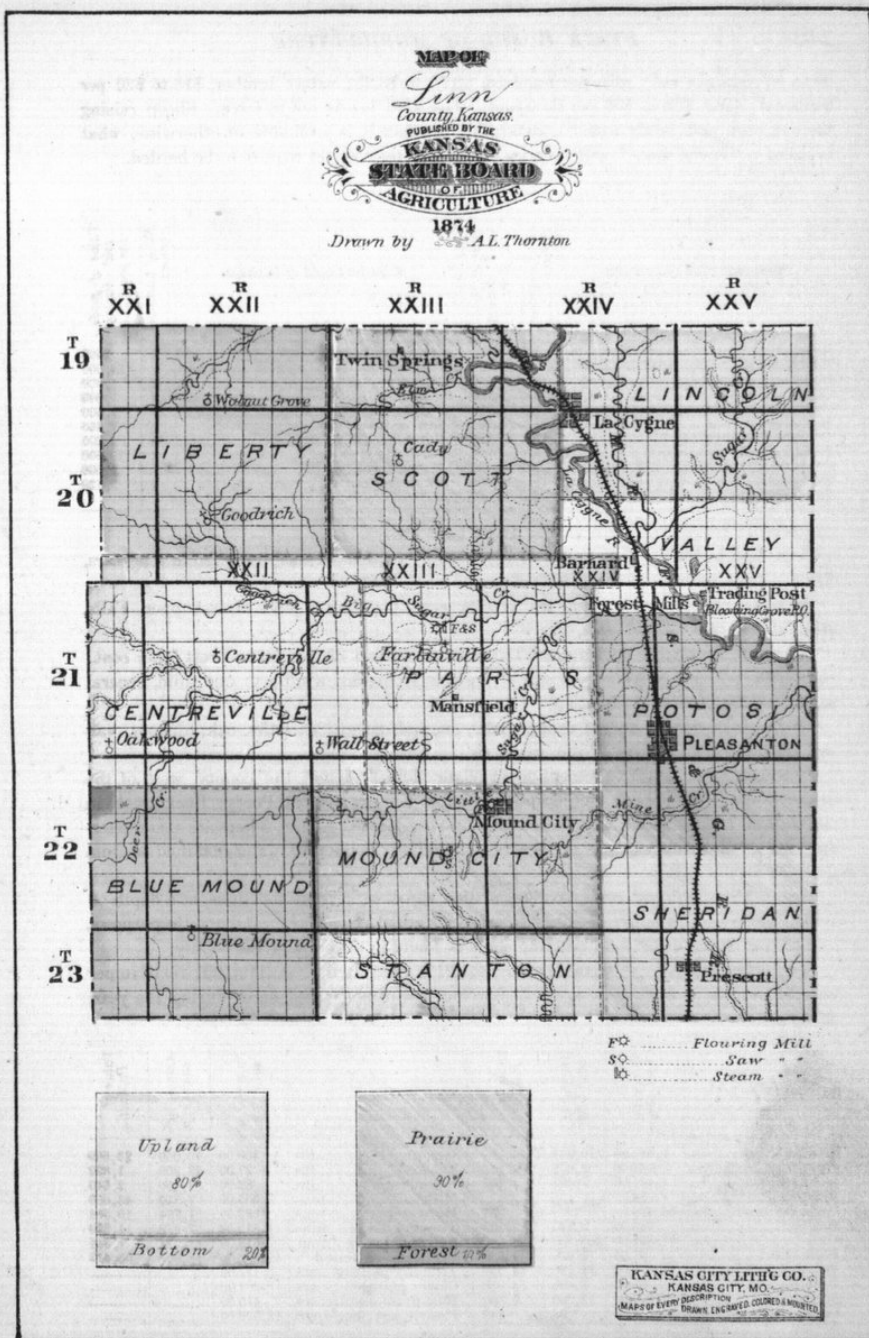
Coal.—Three veins of coal have been discovered in several localities, at a depth of from 5 to 20 feet. Quality, medium; used to a limited extent for local domestic purposes.

Building Stone, etc.—Good building stone is found in all parts of the county.

Agricultural Statistics.—Taxable acres, 351,215; cultivated acres, 119,190; relative per cent. of cultivated to taxable acres, 33.93; increase of cultivated acres during the year, 22,378.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|------------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 9,937.00 | 119,244 | \$101,357 | Hemp.....lbs. | 100.00 | 70,000 | \$3,500 |
| Rye.....bu. | 645.00 | 9,675 | 7,256 | Tobacco.....lbs. | 27.00 | 18,900 | 1,890 |
| Spring wheat.....bu. | 1,181.00 | 7,086 | 4,606 | Broom corn.....lbs. | 82.00 | 57,400 | 2,640 |
| Corn, sod.....bu. | 794 1/2 | 864,060 | 460,832 | Millet.....tons. | 3,655.00 | 7,310 | 43,860 |
| Corn, old land.....bu. | 56,810 1/2 | 143.00 | 2,145 | Hungarian.....tons. | 882.00 | 1,764 | 10,584 |
| Barley.....bu. | 143.00 | 2,145 | 1,823 | Timothy, mead.....tons. | 1,313.00 | 1,970 | 11,820 |
| Oats.....bu. | 10,644.00 | 266,100 | 133,050 | Clover, meadow.....tons. | 612.00 | 1,224 | 7,344 |
| Buckwheat.....bu. | 57.00 | 1,026 | 1,539 | Prairie, mead, fence'd " | 17,802.00 | 13,353 | 53,412 |
| Potatoes, Irish.....bu. | 1,064.00 | 51,700 | 51,700 | Timothy pasture.....acs. | 117.00 | | |
| Potatoes, sweet.....bu. | 58.00 | 3,480 | 4,350 | Clover pasture.....acs. | 261.00 | | |
| Sorghum.....gall. | 240.00 | 19,200 | 9,600 | Blue-grass pasture.....acs. | 410.00 | | |
| Castor beans.....bu. | 7.00 | 98 | 142 | Prairie past., fence'd, acs. | 12,028.00 | | |
| Cotton.....lbs. | 2.00 | 80 | 8 | | | | |
| Flax.....bu. | 349.00 | 3,490 | 5,235 | Total..... | 119,190.00 | | \$916,548 |

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Dairy Products.—Cheese manufactured in 1873, 2,189 lbs.; in 1874, 1,201 lbs.: decrease, 988 lbs. Butter made in 1873, 118,222 lbs.; in 1874, 264,063 lbs.: increase, 145,841 lbs.

Farm Animals.—Number of horses in 1873, 6,544; in 1874, 6,136: decrease, 408. Mules and asses in 1873, 632; in 1874, 735: increase, 103. Cattle in 1873, 18,218; in 1874, 21,411: increase, 3,193. Sheep in 1873, 1,411; in 1874, 1,986: increase, 575. Swine in 1873, 20,741; in 1874, 23,440: increase, 2,699.

Horticulture.—Acres of nurseries, 105.25; orchards, 2,954.25; vineyards, 51.31.

Apiculture.—Stands of Italian bees, 142; natives, 610; pounds of honey produced, 1,730; wax, 90.

Water Powers.—There are good powers on the Grasshopper, several of which have been improved.

Manufactures.—Union township, two steam saw mills, capital \$2,000; Grasshopper township, three water-power grist mills and a woolen factory, combined capital \$22,000; Osawkee township, water-power grist mill, capital \$6,000; Kentucky township, water-power grist and saw mill, capital \$2,000.

Railroad Connections.—The Kansas Pacific Railway traverses the extreme southern portion of the county, along the valley of the Kansas. Principal stations, Perry and Medina. The Atchison, Topeka & Santa Fe Railroad runs through the western and northwestern part of the county. Principal station, Grasshopper Falls. The Kansas Central (narrow gauge) Railroad, starting from Leavenworth, runs through the northern part of the county, leaving it at the northwest corner. Stations, Winchester and Grasshopper Falls.

Banks.—Banking house of Hicks, Gephart & Co., and Valley Bank and Savings Institution, both of Grasshopper Falls; banking house of Henry Taylor, Oskaloosa.

Newspapers.—The *Grasshopper* and *New Era*, at Grasshopper Falls; the *Independent* and *Sickle and Sheaf*, Oskaloosa; the *Times*, Perry: all published weekly.

Schools, etc.—Organized school districts, 89; school houses, 88; value of school buildings and grounds, furniture and apparatus, \$131,880; parochial school, under the charge of the Catholic church, at Grasshopper Falls, and one at Newman.

Churches.—Presbyterian: Organizations 4, membership 139, church edifices 2, valuation \$5,900. Congregational: Organizations 1, membership 50, church edifices 1, valuation \$4,500. Baptist: Organizations 5, membership 206, church edifices 1, valuation \$2,000. United Presbyterian: Organizations 3, membership 60, church edifices 1, valuation \$1,000. Methodist: Organizations 19, membership 693, church edifices 3, valuation \$9,600. Episcopal: Organizations 1, membership 7, church edifices 1, valuation \$3,500. Catholic: Organizations 3, membership 460, church edifices 3, valuation \$2,500.

Lands.—Unoccupied lands held by private owners. Prices, maximum, \$10; minimum, \$2; average, \$5 per acre. Cost of breaking prairie, \$2.50 per acre.

Miscellaneous.—Fences in use, hedge, stone and board, with some rail. Cost of rearing hedge, 40 to 60 cents per rod; stone fence, \$2; rails per hundred, \$5 to \$6; native lumber, \$25 per thousand; pine, \$25 to \$40. The herd law is not in force. Sheep husbandry is considered a profitable industry.

JEWELL.

Organized in 1870. Population by the census of that year, 207; population in 1874, 7,674: increase since 1870, 7,417.

Principal Towns.—There are no large towns; Jewell City, population 150; Jewell Center, the county seat, population 125.

Face of the Country.—Bottom lands 16 per cent., upland 84 per cent., forest 3 per cent., prairie 97 per cent. Average width of bottoms one half-mile, general surface of the country undulating.

Timber.—Width of timber belts on White Rock 80 rods, Limestone 60 rods, other streams 10 to 40 rods, average perhaps 40 rods. Varieties, oak, elm, cedar, hackberry, cottonwood, walnut, box elder, ash.



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Principal Streams.—Republican river touches the northeast corner of the county, runs east along the northern boundary about ten miles. White Rock creek runs east, intersecting the north half of the county; its tributaries are, on the south, Johns, Big Timber, Porcupine and Smith creeks, course north; on the north, Montana, Walnut and Burr Oak, course southeast. Buffalo creek flows through the southeastern portion of the county, course east, and empties into the Republican. Limestone, in the southwest part of the county, runs south and empties into the Solomon. The county is well supplied with springs; good well water reached at a depth of from 6 to 100 feet, average about 25 feet.

Coal.—None of any consequence has been discovered.

Building Stone, etc.—Magnesian limestone extends over the north and northwest portions of the county. Sandstone is found in the extreme south. There is a salt marsh in the southeast corner of the county, undeveloped.

Railroad Connections.—No railroads have yet been constructed in the county.

Agricultural Statistics.—Taxable acres, 55,908; cultivated acres, 58,032; increase in cultivated acres during the year, 32,306.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|-------------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 1,373.00 | 20,595 | \$15,446 | Hemp.....lbs. | 2.50 | 1,000 | \$50 |
| Rye.....bu. | 873.00 | 13,968 | 9,079 | Tobacco.....lbs. | 10.00 | ..... | ..... |
| Spring wheat.....bu. | 13,418.00 | 214,688 | 128,813 | Broom corn.....lbs. | 62.00 | 43,400 | 1,996 |
| Corn, sod.....bu. | 7,738.1 | ..... | ..... | Millet.....tons. | 439.00 | 493 | 4,437 |
| Corn, old land.....bu. | 22,743.1 | ..... | ..... | Hungarian.....tons. | 107.00 | 107 | 963 |
| Barley.....bu. | 477.00 | 7,632 | 4,579 | Timothy, mead.....tons. | 151.00 | 151 | 1,359 |
| Oats.....bu. | 5,220.00 | 140,940 | 63,423 | Clover, meadow.....tons. | 19.00 | 29 | 261 |
| Buckwheat.....bu. | 6.00 | 72 | 108 | Prairie, mead, fenced..... | 310.00 | 155 | 930 |
| Potatoes, Irish.....bu. | 1,039.00 | 12,468 | 12,468 | Timothy, pasture.....acs. | 6.00 | ..... | ..... |
| Potatoes, sweet.....bu. | 14.00 | 420 | 630 | Clover pasture.....acs. | ..... | ..... | ..... |
| Sorghum.....gall. | 435.00 | 19,575 | 12,724 | Blue-grass pasture.....acs. | 3,500.00 | ..... | ..... |
| Castor beans.....bu. | 4.00 | 48 | 60 | Prairie past, fenced.....acs. | ..... | ..... | ..... |
| Cotton.....lbs. | .12 | ..... | ..... | Total..... | 58,032.12 | ..... | \$257,501 |
| Flax.....bu. | 12.50 | 125 | 175 | | | | |

Dairy Products.—Cheese manufactured in 1874, 1,005 lbs.; butter made in 1873, 33,847 lbs.; in 1874, 113,358 lbs.: increase, 79,511 lbs.

Farm Animals.—Number of horses in 1873, 1,328; in 1874, 3,403: increase, 2,075. Mules and asses in 1873, 174; in 1874, 341: increase, 167. Cattle in 1873, 9,977; in 1874, 7,364: decrease, 2,613. Sheep in 1873, 509; in 1874, 282: decrease, 227. Swine in 1873, 1,659; in 1874, 8,749: increase, 7,090.

Horticulture.—Acres of nurseries, 44.75; orchards, 552; vineyards, 3.

Water Powers.—There are no water powers.

Manufactures.—Not reported.

Newspapers.—The *Jewell City Diamond*, published weekly, at Jewell City.

Schools, etc.—Organized school districts, 113; school houses, 48; value of school buildings and ground, furniture and apparatus, \$21,236.30.

Churches.—Presbyterian: Organizations 1, membership 7. Baptist: Organizations 3, membership 148. United Presbyterian: Organizations 2, membership 25. Methodist: Organizations 13, membership 240, church edifices 1, valuation \$300. Catholic: Organizations 2, membership 150.

Lands.—School lands unsold, 23,661; Government, 42,724. Prices of unoccupied lands: Maximum, \$25; minimum, \$1.25; average, \$3 per acre. Cost of breaking prairie, \$2.75 per acre.

Miscellaneous.—Fences in use, rail, post and rail, and wire; there is a very large amount of young growing hedge. Cost of stone fence per rod, \$2; rails per hundred, \$10; native lumber, \$25 per thousand; pine, averages \$40 per thousand. The herd law is in force. Sheep husbandry is considered profitable, but only engaged in to a small extent.

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TOWNSHIP OF BUFFALO.

| Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... | Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... |
|-------------------------------|-----------------------------|--|-------------------------------------|-----------------------------|--|
| Boots and shoes..... | 1 | \$ 800 | Hardware and agricultural implemts. | 1 | \$13,500 |
| Confectionery and bakery..... | 1 | 400 | Hats and caps..... | 1 | 500 |
| Drugs, oils and paints..... | 2 | 8,000 | Jewelry, clocks, watches, &c..... | 1 | 1,800 |
| Furniture and upholstery..... | 1 | 2,000 | Music and musical instruments..... | 2 | 800 |
| Groceries..... | 1 | 3,000 | General country store..... | 2 | 80,000 |

JOHNSON.

Organized in 1855. Population in 1860, 4,364; in 1870, 13,684: increase in ten years, 9,320. Population in 1874, 13,478: decrease since 1870, 206.

Principal Towns.—Olathe, the county seat, population 1,829; Spring Hill, population 500; DeSoto, population 250; Shawnee, population 400.

Face of the Country.—Bottom lands 10 per cent., upland 90 per cent., forest 16 per cent., prairie 84 per cent. Average width of bottoms from one-half to two miles, general surface of the county undulating.

Timber.—Average width of timber belts, one half-mile. Varieties, oak, walnut, hickory, hackberry, sycamore, ash, and some others in small quantities.

Principal Streams.—Indian and Blue creeks run east. Turkey, Mill, Cedar, Clear, Captain's and Kill creeks, run north; two forks of Bull creek run south. All the creeks have their source near the centre of the county. The county is well supplied with springs; good well water obtained at a depth of from 10 to 40 feet.

Coal.—It is thought that coal underlies the whole county at a depth of from 500 to 600 feet, but none has been mined.

Building Stone, etc.—Building stone crops out at convenient places all over the county. It is claimed that hydraulic cement, red ochre, fire and pottery clay have been discovered, but the discoveries have not been utilized.

Railroad Connections.—The Leavenworth, Lawrence & Galveston Railroad runs through the county from northeast to southwest. The Missouri River, Fort Scott and Gulf Railroad occupies the same track to Olathe; thence extends directly south through the county. The St. Louis, Lawrence and Denver Railroad (Pleasant Hill road) enters the county at its northwest corner and extends southeastwardly through the county. The Kansas Midland Railroad (Topeka and Kansas City) uses for the present, the track of the Pleasant Hill road to Olathe, and of the Missouri River, Fort Scott and Gulf Railroad; thence to Kansas City; its own track is now being laid.

Agricultural Statistics.—Taxable acres, 258,129; cultivated acres, 129,271; relative per cent. of cultivated to taxable acres, 50.07; increase of cultivated acres during the year, 10,131.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|-------------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 13,220.00 | 211,520 | 190,368 | Hemp.....bu. | 211.00 | 147,700 | \$7,385 |
| Rye.....bu. | 832.00 | 8,320 | 5,824 | Tobacco.....lbs. | 18.00 | 11,700 | 1,170 |
| Spring wheat.....bu. | 356.00 | 2,136 | 1,709 | Broom corn.....lbs. | 261.00 | 182,700 | 8,404 |
| Corn, sod.....bu. | 1,184 | 1,392,150 | 851,996 | Millet.....tons. | 718.00 | 1,436 | 10,770 |
| Corn, old land.....bu. | 54,502 | 8,622 | 7,760 | Hungarian.....tons. | 97.00 | 97 | 728 |
| Barley.....bu. | 479.00 | 338,620 | 186,186 | Timothy, mead.....tons. | 6,287.00 | 6,287 | 47,153 |
| Oats.....bu. | 16,928.00 | 490 | 735 | Clover, meadow.....tons. | 1,700.00 | 3,400 | 25,600 |
| Buckwheat.....bu. | 49.00 | 33,740 | 42,175 | Prairie, mead, fence'd "..... | 16,491.00 | 12,368 | 61,840 |
| Potatoes, Irish.....bu. | 1,205.00 | 2,850 | 3,563 | Timothy pasture.....acs. | 1,293.00 | | |
| Potatoes, sweet.....bu. | 57.00 | 23,250 | 15,113 | Clover pasture.....acs. | 830.00 | | |
| Sorghum.....gall. | 310.00 | 2,608 | 3,390 | Blue-grass pasture.....acs. | 958.00 | | |
| Castor beans.....bu. | 163.00 | 7.00 | 280 | Prairie past., fence'd, acs. | 9,131.00 | | |
| Cotton.....lbs. | 7.00 | 23,832 | 35,748 | Total..... | 129,271.00 | | \$1,507,553 |
| Flax.....bu. | 1,986.00 | | | | | | |



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Dairy Products.—Cheese manufactured in 1873, 19,250 lbs.; in 1874, 9,400 lbs.: decrease, 9,850 lbs. Butter made in 1873, 251,828 lbs.; in 1874, 168,070 lbs.: decrease, 83,758.

Farm Animals.—Number of horses in 1873, 5,471; in 1874, 7,398: increase, 1,927. Mules and asses in 1873, 865; in 1874, 1,084: increase, 219. Cattle in 1873, 16,563; in 1874, 17,356: increase, 793. Sheep in 1873, 577; in 1874, 699: increase, 122. Swine in 1873, 21,995; in 1874, 25,302: increase, 3,307.

Horticulture.—Acres of nurseries, 288; orchards, 4,429; vineyards, 221.

Apiculture.—Stands of Italian bees, 35; natives, 595; pounds of honey produced, 1,174; wax, 36.

Water Power.—There are no water powers reported from the county.

Manufactures.—Spring Hill, steam grist mill, capital \$30,000; Olathe, steam grist mill, capital \$20,000; DeSoto, steam grist mill, capital \$8,000; McCamish township, steam grist mill, capital \$8,000; Olathe, one cigar manufactory.

Banks.—First National Bank, of Olathe, capital \$50,000; People's Savings Bank, of Olathe: banking house of J. C. Rogers & Co., Spring Hill.

Newspapers.—The *Mirror and News Letter*, Olathe, the *Progress*, Spring Hill; both published weekly.

Schools, etc.—Organized school districts, 89; school houses, 88; value of school buildings and grounds, furniture and apparatus, \$62,100. Three parochial schools under the auspices of the Catholic church—one at Shawnee, one at Aubrey and one at Edgerton.

Churches.—Presbyterian: Organizations 5, membership 276, church edifices 5, valuation \$10,000. Congregational: Organizations 1, membership 49, church edifices 1, valuation \$3,000. Baptist: Organizations 3, membership 158, church edifices 1, valuation \$2,200. United Presbyterians: Organizations 2, membership 140, church edifices 2, valuation \$5,000. Methodist: Organizations 5, membership 963, church edifices 5, valuation \$17,000. Episcopal: Membership 9. Catholic: Organizations 5, membership 860, church edifices 5, valuation \$3,000.

Lands.—Unoccupied lands held by private owners. Prices: Maximum \$20, minimum \$8, average \$14 per acre. Cost of breaking prairie, \$2.50 to \$3 per acre.

Miscellaneous.—Fences in use, hedge, board, stone and rails. Cost of stone fence per rod, \$2 to \$2.50; rails per hundred, \$4; native lumber \$22 to \$30 per thousand; pine, \$18 to \$25. The herd law is not in force. Sheep raising not followed to any extent.

KINGMAN.

Organized in 1874, with a population of 607. County seat, Kingman.

Face of the Country.—Bottom land 15 per cent., upland 85 per cent., forest 1 per cent., prairie 99 per cent. Average width of bottoms two miles, general surface of the country gently undulating, with bluffs along the streams.

Principal Streams.—Ninnesah and Chicaskia rivers and Smoot's creek, flowing south-east, with numerous small streams. The county has a fair supply of springs; good well water is reached at a depth of from 10 to 40 feet.

Timber, Coal, etc.—The amount of timber is inconsiderable; no coal has been discovered; good lime and sandstone found along the Ninnesah.

Lands.—Unoccupied lands at \$1.25 per acre.

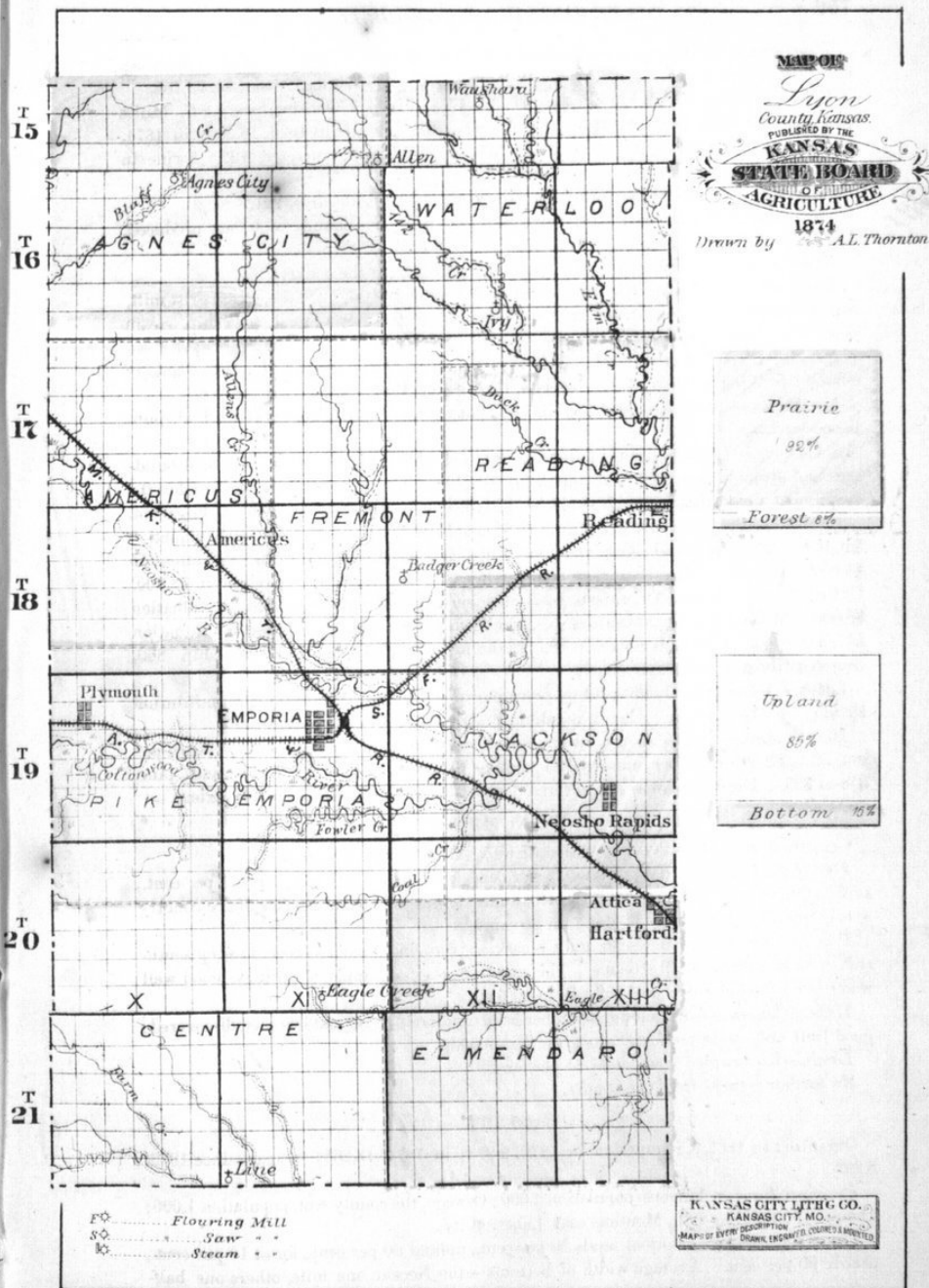
No further returns from the county.

LABETTE.

Organized in 1867. Population in 1870, 9,973; in 1874, 13,265: increase since 1870, 3,292.

Principal Towns.—Parsons, population 2,000; Oswego, the county seat, population 1,000; Chetopa, population 895; Montana and Labette City.

Face of the Country.—Bottom lands 20 per cent., upland 80 per cent., forest 10 per cent., prairie 90 per cent. Average width of bottoms—the Neosho one mile, others one half.



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mile; in the eastern and northeastern parts the surface is rocky and bluffy, south and west undulating, and the bottom between the Neosho and Labette level.

Timber.—Average width of timber belts—along the Neosho two miles, other streams from one-half to one mile. Varieties, black walnut, hickory, pecan, hackberry, sycamore, red and white elm, red, burr, barren and Spanish oak, mulberry, willow, cottonwood, maple.

Principal Streams.—Neosho river, running from north to south along the east line of the county; Labette river, runs from the northern central portion of the county in a southeasterly direction, and unites with the Neosho three miles north of the south line of the county; Hackberry creek, runs from west to east and empties into the Labette; Deer and Pumpkin creeks, run southeast and empty into the Hackberry; Turkey creek, runs northeast, joining the Labette; Snow creek, running southwest, empties into the Verdigris. There are but few springs in the county; well water is reached at a depth of from 20 to 40 feet.

Coal.—Coal has been discovered in two townships, underlying about seventy-five per cent. of the area of those townships. Thickness, from 10 to 24 inches; depth below surface, 2 to 12 feet; quality, hard, black and yellow—no rock or sulphur; used for domestic and local manufacturing purposes, and large quantities shipped north. Price delivered on car 9 cents per bushel, at the bank 7.

Building Stone, etc.—An abundance of lime and sandstone of good quality is found near and south of Oswego; pottery clay is found to a small extent along the Labette river; also some gypsum.

Railroad Connections.—The Missouri, Kansas & Texas Railroad enters the county from the northeast and northwest, uniting at Parsons, whence it runs in a southeasterly direction, leaving the county near its southeast corner; the Leavenworth, Lawrence & Galveston Railroad crosses the northwestern corner of the county. Principal stations on the Missouri, Kansas & Texas, Parsons, Labette, Oswego and Chetopa.

Agricultural Statistics.—Taxable acres, 395,684; under cultivation, 113,521; relative per cent. of cultivated to taxable acres, 28.68; increase of cultivated acres during the year, 4,472.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|-----------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 32,402.00 | 583,236 | \$466,588 | Hemp.....lbs. | 4.00 | 3,000 | \$150 |
| Rye.....bu. | 262.00 | 5,240 | 3,668 | Tobacco.....lbs. | 17.00 | 11,900 | 1,190 |
| Spring wheat.....bu. | 36.00 | 360 | 234 | Broom corn.....lbs. | 54.00 | 37,800 | 1,753 |
| Corn, sod.....bu. | 2,641 | 752,820 | 526,974 | Millet.....tons. | 898.00 | 1,796 | 10,776 |
| Corn, old land.....bu. | 35,000 | 752,820 | 526,974 | Hungarian.....tons. | 206.00 | 412 | 2,472 |
| Barley.....bu. | 41.00 | 779 | 662 | Timothy, mead.....tons. | 343.00 | 515 | 3,090 |
| Oats.....bu. | 7,836.00 | 117,540 | 58,770 | Clover, meadow.....tons. | 189.40 | 378 | 2,268 |
| Buckwheat.....bu. | 38.00 | 380 | 570 | Prairie, mead., fenc'd " | 5,485.00 | 5,485 | 21,940 |
| Potatoes, Irish.....bu. | 1,330.00 | 26,600 | 33,250 | Timothy pasture.....acs. | 83.00 | | |
| Potatoes, sweet.....bu. | 91.00 | 6,825 | 10,920 | Clover pasture.....acs. | 25.00 | | |
| Sorghum.....gall. | 485.00 | 38,800 | 25,220 | Blue-grass pasture, acs. | 21.00 | | |
| Castor beans.....bu. | 800.00 | 9,600 | 12,000 | Prairie past., fenc'd, acs. | 24,708.00 | | |
| Cotton.....lbs. | 90.00 | 8,100 | 1,053 | Total..... | 113,521.00 | | \$1,190,588 |
| Flax.....bu. | 436.00 | 4,360 | 7,040 | | | | |

Dairy Products.—Cheese manufactured in 1873, 1,503 lbs.; in 1874, 800 lbs.: decrease 703 lbs. Butter made in 1873, 197,244 lbs.; in 1874, 163,246 lbs.: decrease, 33,997 lbs.

Farm Animals.—Number of horses in 1873, 3,838; in 1874, 4,653: increase, 815. Mules and asses in 1873, 464; in 1874, 555: increase, 91. Cattle in 1873, 13,753; in 1874, 12,968: decrease, 785. Sheep in 1873, 865; in 1874, 1,210: increase, 345. Swine in 1873, 11,479; in 1874, 15,332: increase, 3,853.

Horticulture.—Acres of nurseries, 77.25; orchards, 3,579.25; vineyards, 58.50.

Apiculture.—Stands of native bees, 168; pounds of honey produced, 305; wax, 22.



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Water Powers.—The Neosho furnishes good power. At Oswego, where the river makes a "horse-shoe bend," there is a sufficient fall for extensive manufacturing facilities. A survey has been made and published. A race of a mile in length would insure a fall of nine feet.

Manufactures.—Oswego township, steam flouring mill, capital \$11,000; broom factory, capital \$3,000; cabinet factory, capital \$2,800; brick manufactory, capital \$2,000. Richland township, steam furniture factory, capital \$3,000; steam flouring mill, capital \$7,000; steam flouring mill, capital \$5,000. Neosho township, steam saw mill. Liberty township, steam flouring mill. City of Oswego, one brewery. City of Parsons, one brewery.

Banks.—First National Bank of Chetopa, First National Bank of Parsons. Private banking houses: Brockway & Draper, Oswego; Hobert & Longwell, Oswego.

Newspapers.—The following weekly papers are published: The *Southern Kansas Advocate* at Chetopa, the *Independent and Register* at Oswego, the *Sun and Surprise* at Parsons.

Schools, etc.—Organized school districts, 90; school houses, 81; value of school buildings and grounds, furniture and apparatus, \$98,859.25.

Churches.—Presbyterian: Organizations 5, membership 221, church edifices 3, valuation \$12,000. Congregational: Organizations 2, membership 12, church edifices 2, valuation \$7,000. Baptist: Organizations 7, membership 250, church edifices 2, valuation \$5,500. United Presbyterian: Organizations 2, membership 60, church edifices 1, valuation \$10,000. Methodist: Organizations 26, membership 855, church edifices 5, parsonages 3, valuation \$12,100. Episcopal: Organizations 1, membership 16, church edifices 1, valuation \$4,000. Catholic: Organizations 1, membership 300, church edifices 1, valuation \$900.

Lands.—School lands unsold, 1,680 acres; Leavenworth, Lawrence and Galveston Railroad, 117,000 acres; Missouri, Kansas and Texas Railroad 100,000 acres;* prices of unoccupied lands: maximum 10.00, minimum \$1.25, average \$5.00 per acre.

Miscellaneous.—Fences in use, board, rail, sod and stone. Cost of rearing hedge, 32 cents per rod; rails, \$3.00 per hundred; native lumber, \$2.50 per hundred; pine, from \$2.00 per hundred upwards. The herd law is in force in the county. Very little attention has been given to sheep raising, and it is not considered profitable.

CITY OF PARSONS.

| Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... | Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... |
|---|-----------------------------|--|-----------------------------------|-----------------------------|--|
| Agricultural implements and wagons..... | 1 | \$15,000 | Hardware..... | 2 | \$33,000 |
| Books and periodicals and stationery..... | 1 | 1,500 | Jewelry, clocks, watches, &c..... | 3 | 9,000 |
| Boots and shoes..... | 8 | 39,000 | Lumber..... | 2 | 100,000 |
| Clothing and tailoring..... | 3 | 15,000 | Millinery..... | 2 | 2,000 |
| Confectionery..... | 3 | 3,000 | Queensware..... | 4 | 10,000 |
| Dry goods..... | 6 | 105,000 | Saddles and harness..... | 2 | 5,000 |
| Drugs, oils and paints..... | 4 | 26,000 | Sewing machines..... | 1 | 5,000 |
| Furniture and upholstery..... | 2 | 11,000 | Bakeries..... | 2 | 2,500 |
| Groceries..... | 8 | 80,000 | Tobacconist..... | 1 | 3,500 |
| Gunsmiths..... | 1 | | | | |

*These lands, with similar ones in other counties, were formerly embraced in the Osage ceded lands, and the railroad companies received patents therefor from the Government, pursuant to the determination of their right by the Interior Department. The lands being largely settled, an act of Congress was obtained to test the validity of the companies' title, and a decision was recently made by the Circuit Court of the United States, decreeing the invalidity of the patents, and ordering them to be canceled. The companies have taken an appeal to the Supreme Court of the United States.

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CITY OF CHETOPA.

| Name and kind of business. | No. of business houses. | Value of goods sold during the year. | Name and kind of business. | No. of business houses. | Value of goods sold during the year. |
|--|-------------------------|--------------------------------------|-------------------------------|-------------------------|--------------------------------------|
| Agricultural implements and wagons. | 2 | \$41,000 | Hats and caps. | 2 | \$3,500 |
| Agricultural implements and wagons made and sold by blacksmiths. | 3 | 5,500 | Jewelry, clocks, watches, &c. | 1 | 400 |
| Foundry and machine shop, agricultural implements. | 1 | 1,500 | Lumber. | 2 | 30,000 |
| Books and periodicals and stationery. | 1 | 800 | Millinery. | 2 | 2,800 |
| Boots and shoes. | 2 | 14,000 | General country store. | 1 | 5,000 |
| Clothing and tailoring. | 2 | 21,000 | Queensware. | 6 | 3,500 |
| Dry goods. | 2 | 32,000 | Saddles and harness. | 2 | 7,000 |
| Drugs, oils and paints. | 4 | 17,500 | Hides, furs and wool. | 1 | 8,000 |
| Furniture and upholstery. | 2 | 23,600 | Pork packing. | 1 | 15,000 |
| Groceries. | 6 | 138,800 | Ice. | 1 | 8,000 |
| Gunsmiths. | 1 | 3,000 | Wholesale liquor. | 1 | 16,500 |
| Hardware. | 2 | 105,000 | Cattle feeding. | 1 | 2,000 |
| | | | Merchant mills. | 2 | 75,000 |

OSWEGO CITY.

| Name and kind of business. | No. of business houses. | Value of goods sold during the year. | Name and kind of business. | No. of business houses. | Value of goods sold during the year. |
|---------------------------------------|-------------------------|--------------------------------------|--------------------------------|-------------------------|--------------------------------------|
| Agricultural implements and wagons. | 5 | \$17,500 | Hardware. | 2 | \$56,000 |
| Books and periodicals and stationery. | 4 | 7,000 | Hats and caps. | 1 | 2,000 |
| Boots and shoes. | 3 | 15,000 | Jewelry, clocks, watches, &c. | 2 | 7,000 |
| Clothing and tailoring. | 1 | 18,000 | Lumber. | 1 | 9,000 |
| Dry goods. | 4 | 160,000 | Music and musical instruments. | 1 | 8,500 |
| Drugs, oils and paints. | 7 | 34,000 | Millinery. | 4 | 9,000 |
| Furniture and upholstery. | 2 | 13,000 | Queensware. | 2 | 2,800 |
| Groceries. | 4 | 52,000 | Saddles and harness. | 2 | 6,000 |
| Gunsmiths. | 1 | 1,500 | Sewing machines. | 1 | 8,000 |

LEAVENWORTH.

Organized in 1855. Population in 1860, 12,606; in 1870, 32,444: increase in ten years, 19,838. Population in 1874, 27,935; decrease since 1870, 4,509.

(NOTE.—See note to Leavenworth county in "Census Table.")

Principal Town.—Leavenworth city, the county seat, population 16,468.

Face of the Country.—Bottom land 20 per cent., upland 80 per cent., forest 10 per cent., prairie 90 per cent. Average width of bottoms, from one to one and a half miles, general surface of the country undulating; near the Missouri river, bluffy.

Timber.—Average width of timber belts, from one to one and a half miles; varieties, white oak, walnut, burr oak, cottonwood, hickory, hackberry, &c.

Principal Streams.—The Missouri river skirts the northeast corner of the county, flowing in a southeasterly direction. The Kansas river, flowing east, bounds the county on the south. Big Stranger flows south into the Kansas river; Little Stranger southwest into Big Stranger. Nine-mile creek flows east. There are numerous smaller streams. The county is well supplied with springs; good well water is obtained at a depth of from 15 to 25 feet.

Coal.—Coal underlies about 7 per cent. of the area of the county. Thickness, 28 inches; depth below surface, 50 to 700 feet; quality, good; used almost exclusively for local, domestic, and manufacturing purposes.

Building Stone, etc.—The whole county is underlaid with good, flint blue limestone; large quantities, of an excellent quality, are quarried at the Penitentiary, near Leavenworth.

Railroad Connections.—The Kansas Pacific Railway crosses the county in a southwest direction from Leavenworth, joining the Kansas City line at Lawrence; stations, Stranger,



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Tonganoxie, Reno. The Missouri Pacific Railroad follows the south bank of the Missouri; stations, Leavenworth, Fort Leavenworth, Kickapoo. Leavenworth is one of the termini of the Chicago, Rock Island & Pacific Railroad, which crosses the Missouri on the fine new iron bridge, and connects with the Hannibal & St. Joseph Railroad at Cameron, Missouri. The Kansas City, St. Joseph & Council Bluffs Railroad follows the opposite bank of the river, with a station at East Leavenworth. The Kansas Central Railroad (narrow guage) starts from Leavenworth city, and runs in a northwest direction to Grasshopper Falls and Holton.

Agricultural Statistics.—Taxable acres, 282,703; cultivated, 116,946; relative per cent. of cultivated to taxable acres, 41.01; increase of cultivated acres during the year, 27,301.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|----------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 8,902.00 | 133,530 | \$113,501 | Hemp.....lbs. | 15.00 | 11,250 | \$563 |
| Rye.....bu. | 602.00 | 8,442 | 6,332 | Tobacco.....lbs. | 11.00 | 7,150 | 715 |
| Spring wheat.....bu. | 245.00 | 1,960 | 1,274 | Broom corn.....lbs. | 106.00 | 74,200 | 3,413 |
| Corn, sod.....bu. | 571 | 1,420,050 | 795,228 | Millet.....tons. | 2,343.00 | 4,686 | 70,290 |
| Corn, old land.....bu. | 56,231 | | | Hungarian.....tons. | 1,153.00 | 1,153 | 17,295 |
| Barley.....bu. | 91.00 | 1,820 | 1,638 | Timothy, mead.....tons. | 2,065.00 | 2,065 | 30,975 |
| Oats.....bu. | 12,609.00 | 378,270 | 189,135 | Clover, meadow.....tons. | 2,229.00 | 4,458 | 66,870 |
| Buckwheat.....bu. | 24.00 | 240 | 360 | Prairie, mead., fncd., " | 12,873.00 | 9,655 | 86,895 |
| Potatoes, Irish.....bu. | 1,677.00 | 58,695 | 58,695 | Timothy pasture.....acs. | 586.00 | | |
| Potatoes, sweet.....bu. | 159.00 | 7,590 | 7,590 | Clover pasture.....acs. | 666.00 | | |
| Sorghum.....gall. | 219.00 | 17,520 | 8,760 | Prairie past., fncd., acs. | 9,877.00 | | |
| Castor beans.....bu. | 15.00 | 240 | 360 | Blue-grass pasture, acs. | 3,527.00 | | |
| Cotton.....lbs. | .40 | | | | | | |
| Flax.....lbs. | 158.00 | 1,738 | 2,607 | Total..... | 116,946.40 | | \$1,462,406 |

Dairy Products.—Cheese manufactured in 1873, 535 lbs.; in 1874, 5,735 lbs.: increase, 5,200 lbs. Butter made in 1873, 219,803 lbs.; in 1874, 217,445 lbs.: decrease, 2,358 lbs.

Farm Animals.—Number of horses in 1873, 4,337; in 1874, 4,630: increase, 293. Mules and asses in 1873, 799; in 1874, 1,038: increase, 239. Cattle in 1873, 14,046; in 1874, 15,547: increase, 1,501. Sheep in 1873, 1,310; in 1874, 1,123: decrease, 187. Swine in 1873, 20,586; in 1874, 18,008: decrease, 2,578.

Horticulture.—Acres of nurseries, 56.50; orchards, 3,466; vineyards, 144.

Apiaculture.—Stands of Italian bees, 727; natives, 875; pounds of honey produced, 2,489; wax, 114.

Water Powers.—There are a number of good powers, but very little utilized.

Manufactures.—Easton township, water-power flouring mill, capital \$400. Stranger township, steam saw mill, capital \$400. Tonganoxie township, steam cheese factory, capital 3,000. Leavenworth City, 2 steam saw mills; 2 steam flouring mills; 2 soap factories; 19 cigar manufactories; 5 breweries; 4 brick manufactories; 9 cooper shops; Great Western Foundry and Machine Shops.

Banks.—First National Bank, of Leavenworth, capital \$100,000; Second National, capital \$100,000; banking houses of Clark & Co., Insley, Shire & Co.; German Savings Bank, and the Leavenworth Savings bank—all at Leavenworth City.

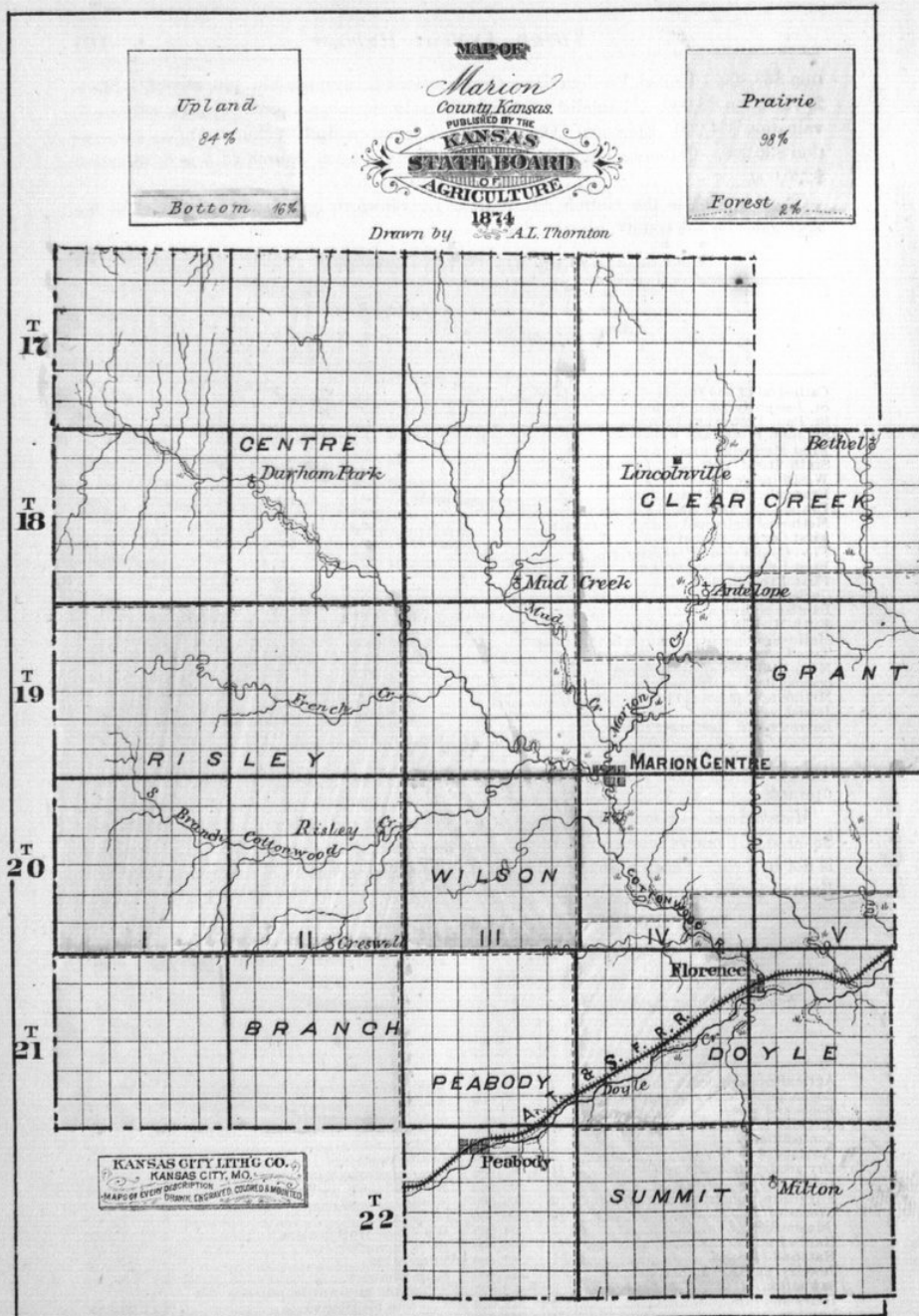
Newspapers.—The *Commercial*, daily and weekly; the *Times*, daily and weekly; the *Appeal*, daily evening edition; *True Banner*, weekly religious; *Medical Herald*, monthly; *Freie Presse* (German), daily and weekly; *Journal* (German), daily and weekly—all published at Leavenworth City.

Schools, etc.—Organized school districts, 74; school houses, 86; value of school buildings and grounds, furniture and apparatus, \$294,800. A State Normal School; 3 parochial schools (Catholic), St. Mary's Academy (Catholic), and Maple Leaf Seminary, are located at Leavenworth City; a parochial school (Catholic) at Fort Leavenworth.

Churches.—Presbyterian: Organizations 5, membership 423, church edifices 3, valuation \$55,000. Congregational: Organizations 6, membership 311, church edifices 3, valuation \$25,000. Baptist: Organizations 10, membership 423, church edifices 4, valuation \$25,000.



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tion \$68,800. United Presbyterian: Organizations 3, membership 140, church edifices 2, valuation \$8,000. Methodist: Organizations 19, membership 637, church edifices 5, valuation \$34,200, Episcopal: Organizations 2, membership 103, church edifices 2, valuation \$30,000. Catholic: Organizations 9, membership 4,850, church edifices 6, valuation \$220,000.

The following is the church return from Leavenworth city, mainly included in the aggregates for the county, given above:

CHURCHES IN LEAVENWORTH.

| Name. | Organized... | Number of members... | Number of Sub. Schol children... | Number of members in Library... | Property valued at... |
|---|--------------|----------------------|----------------------------------|---------------------------------|-----------------------|
| Cathedral of the Immaculate Conception..... | 1855 | 400 fam. | 1,000 | 1,000 | \$172,000 |
| St. Joseph German Catholic..... | 1857 | 100 fam. | 150 | | 30,000 |
| St. Paul Protestant Episcopal..... | 1863 | 86 | 104 | 400 | 14,000 |
| St. John Protestant Episcopal..... | 1872 | 25 | 90 | 100 | 6,000 |
| First Methodist Episcopal..... | 1853 | | | | |
| Sixth Street Methodist Episcopal..... | 1864 | 261 | 313 | 370 | 30,000 |
| Westminster Presbyterian..... | 1859 | 146 | 100 | 300 | 24,000 |
| Evangelical Lutheran (German)..... | 1861 | 170 | | | 4,000 |
| Evangelical Association (German)..... | 1860 | 36 | 70 | 150 | 12,000 |
| Methodist Episcopal church (German)..... | 1856 | 48 | 80 | 250 | |
| First Congregational..... | 1858 | 230 | 300 | 650 | 20,000 |
| First Cumberland Presbyterian..... | 1867 | 45 | 110 | 159 | 6,000 |
| First United Presbyterian..... | 1858 | 120 | 106 | 320 | 8,000 |
| First Presbyterian..... | 1857 | 225 | 240 | 400 | 25,000 |
| Christian church..... | 1856 | 180 | 180 | | 12,000 |
| Baptist church..... | 1864 | 118 | 122 | 100 | 55,000 |
| Fifth Mission Congregational..... | 1866 | 40 | 100 | 400 | 5,000 |
| Methodist Episcopal Church Bethel Chapel..... | 1860 | 323 | 200 | 510 | 25,000 |
| True Congregational..... | 1874 | 257 | | | 600 |
| Mount Olivet Baptist (colored)..... | 1872 | 16 | | 30 | 1,400 |
| Second Baptist Mount Gilead (colored)..... | 1869 | | 100 | | 2,000 |
| Methodist Episcopal church (colored)..... | 1867 | 47 | | | |
| Jewish synagogue..... | 1859 | 42 | | | 7,000 |
| Leavenworth Meeting (Friends)..... | 1866 | 46 | | | 3,000 |

Lands.—Unoccupied lands are held by private owners. Prices from \$10 per acre upwards.

Miscellaneous.—Fences in use, some hedge, but mostly rail or board. Rails per hundred, \$3.50 to \$5; native lumber, \$16 to \$25 per thousand; pine, \$20 to \$65. The herd law is not in force. Sheep husbandry is considered profitable, but it is engaged in only to a limited extent comparatively.

LEAVENWORTH CITY.

| Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... | Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... |
|---|-----------------------------|--|---|-----------------------------|--|
| Agricultural implem'ts and wagons..... | 2 | \$125,000 | Music and musical instruments..... | 1 | \$60,000 |
| Books, periodicals and stationery..... | 2 | 130,000 | Millinery..... | 5 | 97,000 |
| Boots and shoes..... | 6 | 156,000 | Merchandise (foundries)..... | 1 | 225,000 |
| Clothing and tailoring..... | 11 | 264,300 | Queensware..... | 2 | 212,000 |
| Confectionery..... | 3 | 11,500 | Saddles and harness..... | 3 | 57,000 |
| Carriage depository..... | 3 | 97,000 | Sewing machines..... | 3 | 53,500 |
| Dry goods, wholesale and retail..... | 11 | 1,097,000 | Cigar manufactories..... | 19 | 279,500 |
| Drugs, oils and paints..... | 9 | 334,000 | Beef and pork packers..... | 3 | 591,000 |
| Furniture, upholstery and carpets... .. | 6 | 469,000 | Stoves, tin and copper ware..... | 6 | 124,000 |
| Groceries..... | 10 | 1,698,000 | Cooperage..... | 9 | 49,890 |
| Gunsmiths..... | 2 | 54,000 | Wholesale fruit dealers..... | 4 | 77,500 |
| Hardware..... | 4 | 503,000 | Brick manufactories..... | 4 | 420,000 |
| Hats and caps..... | 2 | 67,000 | Flour mills..... | 2 | 287,000 |
| Jewelry, clocks, watches, &c..... | 4 | 226,000 | Soap factories..... | 2 | 83,200 |
| Saw mills..... | 2 | 32,625 | All other mercantile pursuits not herein mentioned..... | 6 | 1,234,145 |
| Hides and furs..... | 3 | 942,619 | | | |
| Lumber..... | 4 | 265,000 | | | |

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LINCOLN.

Organized in 1870. Population in 1870, 516; in 1874, 2,220: increase since 1870, 1,704.

Face of the Country.—Bottom land 15 per cent., upland 85 per cent., forest 1 per cent., prairie 99 per cent. Average width of bottoms $1\frac{1}{2}$ miles, general surface of the country—the greater part undulating, but some portions are level, others bluffy.

Timber.—Belts of timber along the principal streams average about one quarter-mile in width. Varieties, cottonwood, ash, black walnut, box elder, oak and elm.

Principal Streams.—The Saline river is the principal stream. It flows east through the entire extent of the county; tributaries on the south side, Table Rock, Owl, Brush, Elkhorn, Bullfoot, Oak, East and West Twin creeks; general direction, northeast. Tributaries on the north, Twelve-Mile, Beaver, Yanger, Lost, Spillman and Wolf creeks; general direction, southeast. The county is very well supplied with springs; good well water reached at from 20 to 50 feet.

Coal.—Indications of coal have been discovered cropping out of the banks. The quality is poor, and none has been mined for use.

Building Stone, etc.—Inexhaustible qualities of stone found in the bluffs—white magnesian limestone of good quality; there are several salt springs and marshes on Salt creek and its tributaries, but their value has not been tested.

Railroad Connections.—There are no railroads in the county.

Agricultural Statistics.—Taxable acres, 12,211; under cultivation, 14,654; increase of cultivated acres during the year, 5,824.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|-----------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 926.00 | 12,038 | \$12,038 | Hemp.....lbs. | ..... | ..... | ..... |
| Rye.....bu. | 670.00 | 5,360 | 5,092 | Tobacco.....lbs. | 60 | ..... | ..... |
| Spring wheat.....bu. | 2,800.00 | 16,800 | 10,920 | Broom corn.....lbs. | 46.00 | 23,000 | \$1,058 |
| Corn, sod.....bu. | 1,506 | ..... | ..... | Millet.....tons. | 521.00 | 521 | 3,908 |
| Corn, old land.....bu. | 4,602 | ..... | ..... | Hungarian.....tons. | 224.00 | 112 | 878 |
| Barley.....bu. | 136.00 | 1,088 | 1,088 | Timothy, mead.....tons. | 12 | ..... | ..... |
| Oats.....bu. | 725.00 | 7,250 | 5,438 | Clover, meadow.....tons. | 1.00 | 1 | 8 |
| Buckwheat.....bu. | 4.00 | 36 | 54 | Prairie, mead., fenced..... | 806.00 | 403 | 2,015 |
| Potatoes, Irish.....bu. | 231.00 | 1,155 | 2,137 | Timothy pasture.....acs. | 1.00 | ..... | ..... |
| Potatoes, sweet.....bu. | 3.00 | 60 | 120 | Clover pasture.....acs. | 1.00 | ..... | ..... |
| Sorghum.....bu. | 122.00 | 3,660 | 2,379 | Blue-grass pasture.....acs. | ..... | ..... | ..... |
| Castor beans.....bu. | ..... | ..... | ..... | Prairie past., fenced,acs. | 1,325.00 | ..... | ..... |
| Cotton.....bu. | 2.00 | ..... | ..... | Total..... | 14,653.97 | ..... | \$47,151 |
| Flax.....bu. | 1.25 | 13 | 18 | | | | |

Dairy Products.—Cheese manufactured in 1873, 100 lbs.; in 1874, 150 lbs.: increase: 50 lbs. Butter made in 1873, 19,880 lbs.; in 1874, 58,044 lbs.: increase, 38,164 lbs.

Farm Animals.—Number of horses in 1873, 450; in 1874, 938: increase, 488. Mules and asses in 1873, 40; in 1874, 96: increase, 56. Cattle in 1873, 4,125; in 1874, 6,948, increase, 2,823. Sheep in 1873, 981; in 1874, 2,171: increase, 1,190. Swine in 1873, 327; in 1874, 1,100: increase, 773.

Horticulture.—Acres of nurseries, 6.87; orchards, 112.62.

Water Powers.—The Saline river furnishes good powers; two mills are in operation, and a number of good mill seats are improved.

Newspapers.—The *News*, published weekly at Lincoln City.

Schools, etc.—Organized school districts, 23; school houses, 11; value of school buildings and grounds, furniture and apparatus, \$9,280.

Churches.—Presbyterian: Organizations 1, membership 8. Baptist: Organizations 2, membership 75. Methodist: Organizations 6, membership 60. Catholic: Organizations 2, membership 70.

Lands.—School lands unsold, 23,270 acres; Government, 25,472; Kansas Pacific Railway, 81,045. Prices of unoccupied lands: Maximum, \$6; minimum, \$1.25; average, \$3.50 per acre. Cost of breaking prairie, \$2.50 to \$4.

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Miscellaneous.—Fences in use, wire, post and rail, board and stone. Cost of stone fence per rod, \$1 to \$2; rails per hundred, \$10 to \$12; native lumber, \$20 to \$30 per thousand; pine, \$28 to \$50. The herd law is in force in the county. Sheep raising is considered profitable, and stock men are preparing to engage in it largely.

LINN.

Organized in 1855. Population in 1860, 6,336; in 1870, 12,174: increase in ten years 5,838. Population in 1874, 10,859; decrease since 1870, 1,315.

Principal Towns.—LaCygne, the county seat, population 1,200; Mound City, population 500; Pleasanton, population 1,000. (The returns of population are imperfect, and the foregoing are partially estimated.)

Face of the Country.—Bottom land 20 per cent., upland 80 per cent., forest 10 per cent., prairie 90 per cent. General surface of the country, undulating.

Timber.—This county is comparatively well timbered, but the width of belts and varieties of wood are not returned.

Principal Streams.—Marais des Cygnes, flowing southeast; Middle creek, east; Big and Little Sugar creeks, east; East creek, south; Middle creek, south; Lost creek, east; Mill creek, east. The county is well supplied with springs; good well water reached at an average depth of twenty feet.

Coal.—Coal is found in the county, but the reports as to amount, quality, etc., are too vague to authorize a more particular statement.

Building Stone, etc.—Good stone is found in large quantities; the Barnard sandstone is held in high repute.

Railroad Connections.—The Missouri, River, Fort Scott & Gulf Railroad traverses the eastern portion of the county from north to south; direction a little east of south. Principal stations, LaCygne, Barnard and Pleasanton.

Agricultural Statistics.—Taxable acres, 362,019; cultivated acres, 94,906; relative per cent. of cultivated to taxable acres, 26.21; increase of cultivated acres during the year, 40,979.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|-----------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 7,956.00 | 127,296 | \$120,931 | Hemp.....lbs. | 8.00 | 5,600 | \$560 |
| Rye.....bu. | 401.00 | 6,015 | 3,910 | Tobacco.....lbs. | 13.00 | 9,100 | 419 |
| Spring wheat.....bu. | 62.00 | 372 | 260 | Broom corn.....lbs. | 613.00 | 920 | 4,830 |
| Corn, red.....bu. | 538 | 931,000 | 349,125 | Millet.....tons. | 133.00 | 133 | 698 |
| Corn, old land.....bu. | 46,012 | | | Hungarian.....tons. | 1,745.00 | 1,745 | 9,161 |
| Barley.....bu. | | | | Timothy, mead.....tons. | 512.00 | 1,024 | 5,376 |
| Oats.....bu. | 10,104.00 | 202,080 | 101,040 | Prairie, mead, fenced " | 14,167.00 | 10,625 | 37,188 |
| Buckwheat.....bu. | 29.00 | 319 | 479 | Timothy pasture.....acs. | 162.00 | | |
| Potatoes, Irish.....bu. | 713.00 | 10,695 | 9,091 | Clover pasture.....acs. | 84.00 | | |
| Potatoes, sweet.....bu. | 13.00 | 780 | 1,950 | Blue-grass pasture.....acs. | 599.00 | | |
| Sorghum.....gall. | 389.00 | 35,010 | 22,757 | Prairie past, fenced,acs. | 10,283.00 | | |
| Castor beans.....bu. | 264.00 | 3,960 | 554 | | | | |
| Cotton.....lbs. | 14.00 | 150 | 20 | | | | |
| Flax.....bu. | 92.00 | 920 | 1,380 | Total..... | 94,906.00 | | \$669,729 |

Dairy Products.—Cheese manufactured in 1874, 62,030 lbs. Butter made in 1873 145,446 lbs.; in 1874, 132,737 lbs.: decrease, 12,709 lbs.

Farm Animals.—Number of horses in 1873, 6,575; in 1874, 4,629: decrease, 1,946. Mules and asses in 1873, 574; in 1874, 473: decrease, 101. Cattle in 1873, 16,250; in 1874, 19,134: increase, 2,884. Sheep in 1874, 3,625. Swine in 1874, 17,267.

Horticulture.—Acres of nurseries, 70.50; orchards, 2,938.50; vineyards, 31.

Apiculture.—Stands of Italian bees, 37; natives, 509; pounds of honey produced, 239; wax, 39.

Water Powers.—There are good water powers; several mills are in operation.

Manufactures.—Paris township, steam flouring and saw mills. Mound City township, water-power flouring mills, steam saw mill. Scott township, water-power saw mill.

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Banks.—Banking house of Hood & Kincaid, Pleasanton; Pratt & Moore, LaCygne; Farmers' Bank of LaCygne.

Newspapers.—The *LaCygne Journal* and *Pleasanton Observer*, published weekly.

Schools, etc.—Organized school districts, 94; school houses, 90; value of school buildings and grounds, furniture and apparatus, \$81,759.

Churches.—Presbyterian: Organizations 4, membership 60, church edifices 3, valuation \$5,900. Congregational: Organizations 1, membership 16. Baptist: Organizations 9, membership 399, church edifices 3, valuation \$6,300. Methodist: Organizations 19, membership 730, church edifices 4, valuation \$6,500. Episcopal: Membership 6. Catholic: Organizations 3, membership 95.

Lands.—Prices of unoccupied lands range from \$2 to \$5 per acre. Cost of breaking prairie, \$2.50 per acre.

Miscellaneous.—The various kinds of fencing are in use. No report as to relative cost, but either can be built as cheaply as in almost any other section of the State. The "scab" prevails among sheep to some extent. Those who understand the business of sheep raising have found it profitable, while others have failed.

(It is to be regretted that the returns from this county are so imperfect; it is manifest that they fail to present an accurate picture of the extensive resources and steady progress of the county. The apparent decrease in population is due to the fact that in three townships the census takers, for some unexplained reason, failed to return all under 21 years of age.)

MOUND CITY.

| Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... | Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... |
|---|-----------------------------|--|-----------------------------------|-----------------------------|--|
| Agricultural implements and wagons..... | 1 | \$1,000 | Hardware..... | 1 | \$1,500 |
| Books and periodicals and stationery..... | 1 | 2,000 | Hats and caps..... | 4 | 1,200 |
| Boots and shoes..... | 4 | 3,500 | Jewelry, clocks, watches, &c..... | 1 | 300 |
| Clothing..... | 3 | 2,000 | Lumber..... | 1 | 1,000 |
| Confectionery..... | 2 | 800 | Millinery..... | 1 | 1,000 |
| Dry goods..... | 3 | 40,000 | Queensware..... | 2 | 700 |
| Drugs, oils and paints..... | 2 | 5,000 | Saddles and harness..... | 1 | 800 |
| Groceries..... | 2 | | | | |

LYON.

Organized in 1855. Population in 1860, 3,515; in 1870, 8,014: increase in ten years, 4,499. Population in 1873, 12,340; increase from 1870, 4,326. No return for 1874.

Principal Towns.—Emporia, the county seat, population 2,500; Americus, population 500; Neosho Rapids, population 200; Hartford, population 250.

Face of the Country.—Bottom lands 15 per cent., upland 85 per cent., forest 8 per cent., prairie 92 per cent. The width of bottoms varies from half-mile to four miles; general surface of the country undulating.

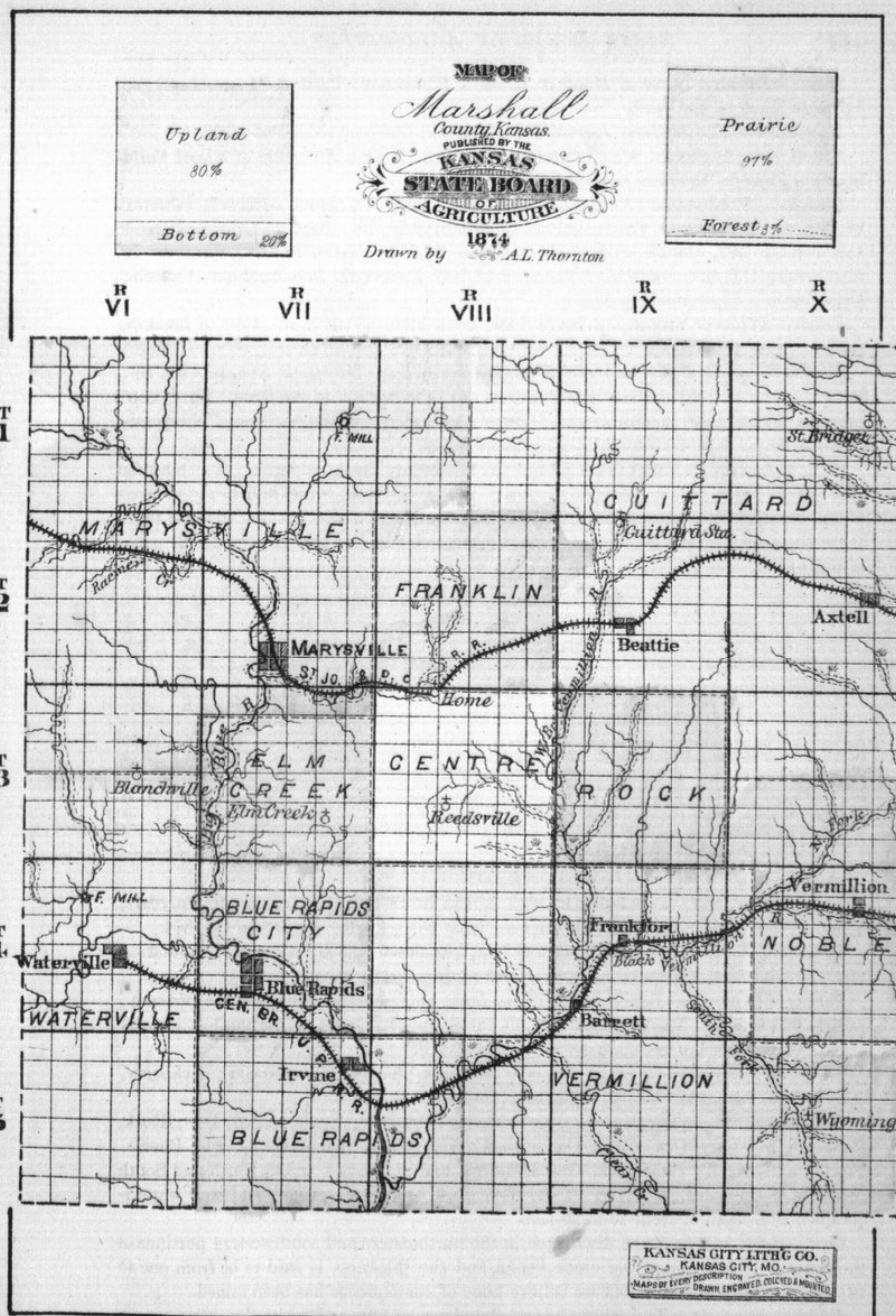
Timber.—Average width of timber belts one mile. Varieties, cottonwood, hackberry, oak, walnut, burr oak, hickory, coffee bean, mulberry.

Principal Streams.—The Neosho river with its tributaries, Eagle, Allen, Dow, Rock, Badger, Plum, Coal, Dry creeks; Cottonwood river with its tributaries, Jacobs, Phenix, Fowler and Moon; Elm creek, One Hundred and Forty-two creek, North and South branches of the Verdigris river. There is a good supply of springs, and well water is obtained at a depth of from 20 to 25 feet.

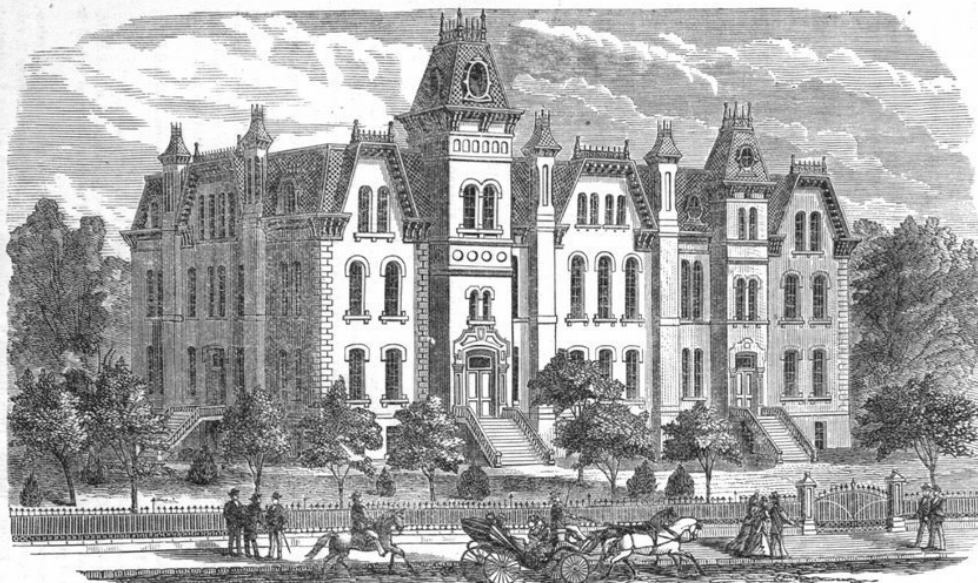
Coal.—Some coal has been discovered in the northeastern and southwestern portions of the county; it crops out of the creek banks, and the thickness is said to be from one to two feet; quality, medium, but we believe none of consequence has been mined.

Building Stone, etc.—The county has an abundance of blue and white limestone conveniently distributed.

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Railroad Connections.—The Atchison, Topeka & Santa Fe Railroad traverses the center of the county in a direction a little south of west; principal stations, Emporia and Plymouth. The Missouri, Kansas & Texas Railroad traverses the county in a south-easterly direction, entering near the northwest and passing out near the southeast corner; principal stations, Americus, Emporia and Hartford.

Agricultural Statistics.—Taxable acres, 445,176; cultivated acres, 63,044; relative per cent. of cultivated to taxable acres, 14.16; increase of cultivated acres during the year, 11,356.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|-----------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 8,169.00 | 122,535 | \$110,282 | Hemp.....lbs. | ..... | ..... | ..... |
| Rye.....bu. | 471.00 | 9,420 | 6,123 | Tobacco.....lbs. | 3.00 | 1,800 | \$180 |
| Spring wheat.....bu. | 4,664.00 | 23,320 | 15,158 | Broom corn.....lbs. | 73.00 | 47,450 | 2,183 |
| Corn, sod.....bu. | 1,440 | ..... | ..... | Millet.....tons. | 132.00 | 266 | 1,596 |
| Corn, old land.....bu. | 19,567 | 210,070 | 168,056 | Hungarian.....tons. | 715.00 | 1,073 | 6,438 |
| Barley.....bu. | 10.00 | 150 | 128 | Timothy, mead.....tons. | 233.00 | 232 | 1,392 |
| Oats.....bu. | 6,016.00 | 60,160 | 36,096 | Clover, meadow.....tons. | 146.00 | 292 | 1,752 |
| Buckwheat.....bu. | 7.00 | 70 | 105 | Prairie, mead., fnd..... | 13,263.00 | 9,947 | 39,788 |
| Potatoes, Irish.....bu. | 682.00 | 3,410 | 4,263 | Timothy pasture.....acs. | 4.00 | ..... | ..... |
| Potatoes, sweet.....bu. | 71.00 | 3,550 | 5,325 | Clover pasture.....acs. | 2.00 | ..... | ..... |
| Sorghum.....gall. | 123.00 | 9,225 | 5,996 | Blue-grass pasture.....acs. | 15.00 | ..... | ..... |
| Castor beans.....bu. | 70.00 | 700 | 875 | Prairie past., fnd.....acs. | 7,106.00 | ..... | ..... |
| Cotton.....lbs. | .75 | ..... | ..... | Total..... | 63,043.75 | ..... | \$407,383 |
| Flax.....bu. | 61.00 | 1,098 | 1,647 | | | | |

Dairy Products.—Cheese manufactured in 1873, 108,324 lbs.; in 1874, 74,020 lbs.: decrease, 34,304 lbs. Butter made in 1873, 179,568; in 1874, 196,008: increase, 16,440 lbs.

Farm Animals.—Number of horses in 1873, 5,570; in 1874, 4,780: decrease, 790. Mules and asses in 1873, 200; in 1874, 586: increase, 386. Cattle in 1873, 20,489; in 1874, 21,445: increase, 656. Sheep in 1873, 1,303; in 1874, 1,742: increase, 439. Swine in 1873, 5,163; in 1874, 5,348: increase, 185.

Horticulture.—Acres of nurseries, 43; orchards, 1,905; vineyards, 33.

Apiculture.—Stands of Italian bees, 148; natives, 144; pounds of honey produced, 3,123; wax, 12.

Water Powers.—There are good powers on the Neosho and the Cottonwood.

Manufactures.—Emporia, two water-power flouring mills and one steam flouring mill, combined capital \$50,000; two water-power saw mills and two steam saw mills, combined capital \$10,000; steam-power foundry, capital \$7,000; water-power furniture manufactory, capital \$10,000; steam soap factory, capital \$1,000; carriage manufactory, capital \$5,000; cigar manufactory, and brewery. Americus, steam flouring and saw mill, capital \$10,000. Center township, steam saw mill, capital \$2,500. Elmendaro township, steam saw mill, capital \$2,500; steam saw and flouring mill, capital \$2,500; water-power flouring mill, capital \$20,000. Jackson township, two water-power flouring mills and wind-power flouring mill, combined capital \$20,000. Pike township, water-power flouring mill, capital \$20,000; steam saw mill, capital \$2,500. Waterloo township, steam saw mill, capital \$5,000.

Banks.—First National Bank of Emporia, capital \$100,000; Emporia National Bank, capital \$85,000; banking house of Dunlap, Howard & Co., Emporia.

Newspapers.—The *Emporia News* and *Emporia Ledger*, published weekly.

Schools, etc.—Organized school districts, 76; school houses, 67; value of school buildings and grounds, furniture and apparatus, \$67,293.12. The State Normal School is located at Emporia.

Churches.—Presbyterian: Organizations 4, membership 207, church edifices 2, valuation \$9,500. Congregational: Organizations 4, membership 208, church edifices 2, valuation \$5,500. Baptist: Organizations 3, membership 75, church edifices 1, valuation \$3,000. United Presbyterian: Organizations 3, membership 115, church edifices 1, valuation \$3,000.



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uation \$6,000. Methodist: Organizations 15, membership 434, church edifices 2, valuation \$7,000. Episcopal: Organizations 1, membership 29, church edifices 1, valuation \$4,000. Catholic: Organizations 5, membership 350, church edifices 2, valuation \$2,500. There are also several churches maintained by the society of Friends, and four Welsh churches. Meetings of the denomination of Christians are held in the school houses in various parts of the county.

Lands.—School lands unsold, 12,246 acres; Atchison, Topeka & Santa Fe Railroad, 155 acres; remainder of unoccupied lands held by private owners. Prices: Maximum, \$10; minimum, \$2.50; average, \$5 per acre. Cost of breaking prairie, \$3 per acre.

Miscellaneous.—Fences in use, hedge, stone, rail and board. Cost of stone fence per rod, \$2 to \$3; rails per hundred, \$7; native lumber, \$20 to \$40 per thousand; pine, \$25 to \$50. The herd law is not in force, except the night herd law, which prevails in Pike, Center and Fremont townships.

MARION.

Organized in 1865. Population in 1870, 768; in 1874, 4,060; increase since 1870, 3,298.

Principal Towns.—Marion Center, the county seat, population 400; Florence, population 300; Peabody, population 400.

Face of the Country.—Bottom land 16 per cent., upland 84 per cent., forest 2 per cent., prairie 98 per cent. Average width of bottoms one mile, general surface of the country gently undulating.

Timber.—Average width of timber belts, one-quarter of a mile. Varieties, cottonwood, hackberry, elm, oak, hickory, walnut, box elder and sycamore.

Principal Streams.—The principal streams and their courses are: Cottonwood, northwest to southeast; Doyle creek, southwest to northeast; South Fork of Cottonwood, west to east; French creek, west to east; Clear creek, northeast to southwest; Middle creek, northwest to southeast; Brunot creek, northwest to southeast; Martin creek, northwest to southeast; Muddy creek, northwest to southeast. Springs are abundant, and good well water is obtained at a depth of from 15 to 50 feet.

Coal.—Indications of coal have been discovered, but none of consequence has been developed.

Building Stone, etc.—Magnesian limestone, of white and cream colors, is found in unlimited quantities, cropping out of the edges of the bluffs and banks of the streams. Hydraulic cement, mineral paint, fire and pottery clay are stated to exist in large quantities, but the discoveries do not seem to have been utilized. Gypsum is also reported to abound in Doyle, South Cottonwood and French creeks.

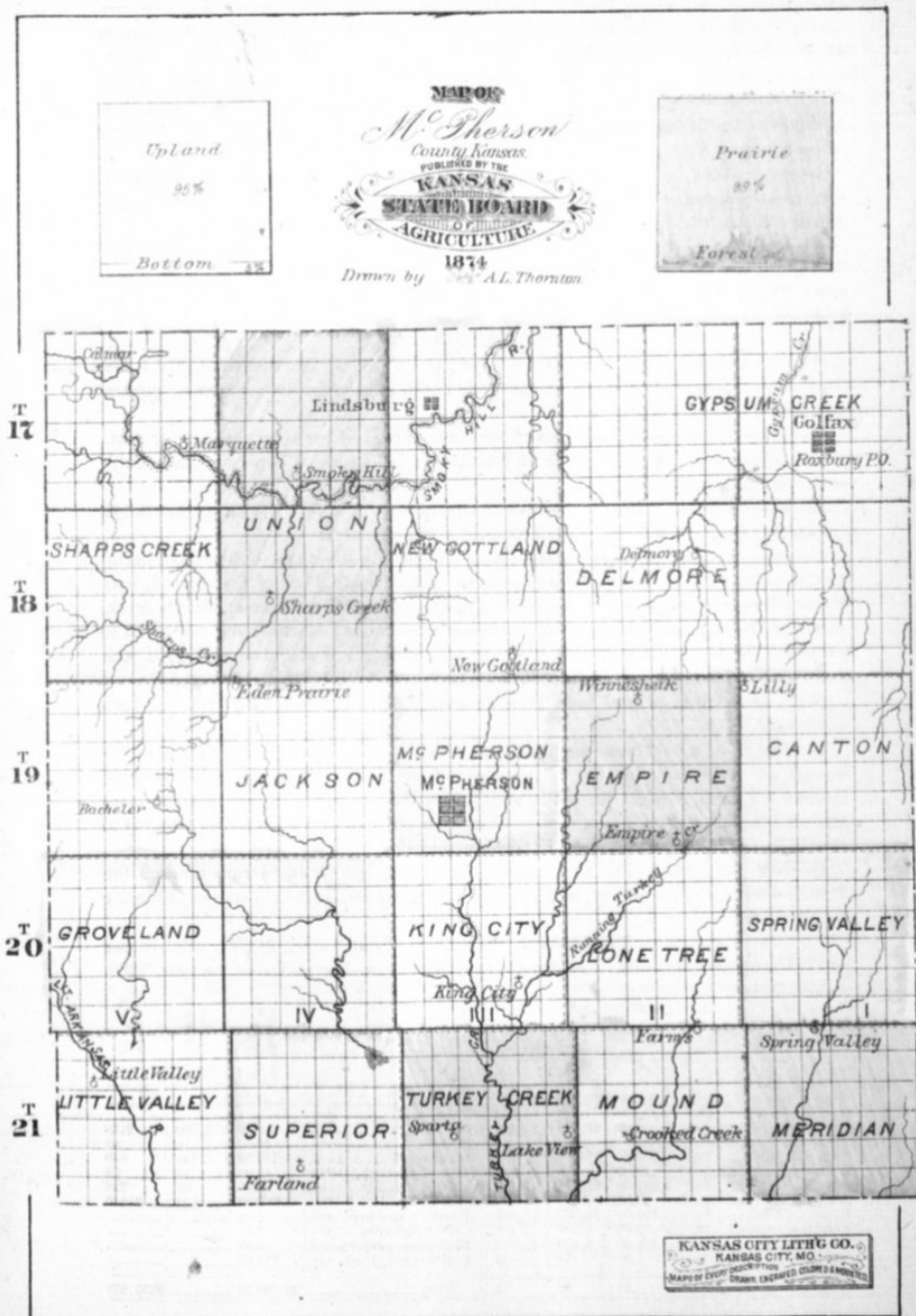
Railroad Connections.—The Atchison, Topeka & Santa Fe Railroad runs through the southeastern part of the county, in a southwesterly direction; principal stations, Florence and Peabody.

Agricultural Statistics.—Taxable acres, 483,928; cultivated acres, 24,680; relative per cent. of cultivated to taxable acres, 5; decrease of cultivated acres during the year, 3,269.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|------------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 4,301.00 | 86,020 | \$81,719 | Hemp.....lbs. | | | |
| Rye.....bu. | 370.00 | 7,400 | 5,920 | Tobacco.....lbs. | | | |
| Spring wheat.....bu. | 3,155.00 | 15,775 | 13,409 | Broom corn.....lbs. | 5.00 | 3,000 | \$138 |
| Corn, sod.....bu. | 2,549 | | | Millet.....tons. | 10.00 | 10 | 60 |
| Corn, old land.....bu. | 9,464 | 120,130 | 79,886 | Hungarian.....tons. | 140.00 | 140 | 840 |
| Barley.....bu. | 38.00 | 494 | 445 | Timothy, mead.....tons. | 13.00 | 13 | 78 |
| Oats.....bu. | 1,882.00 | 65,870 | 42,816 | Clover, meadow.....tons. | 25.00 | 38 | 228 |
| Buckwheat.....bu. | 28.00 | 280 | 420 | Prairie, mead, fene'd..... | 1,269.00 | 635 | 2,540 |
| Potatoes, Irish.....bu. | 399.00 | 19,950 | 19,950 | Timothy pasture.....acs. | 6.00 | | |
| Potatoes, sweet.....bu. | 22.00 | 1,100 | 2,475 | Clover pasture.....acs. | 5.00 | | |
| Sorghum.....gall. | 168.00 | 5,400 | 2,700 | Blue-grass pasture.....acs. | 6.00 | | |
| Castor beans.....lbs. | 2.00 | 24 | 30 | Prairie past., fncd.....acs. | 883.00 | | |
| Cotton.....lbs. | | | | | | | |
| Flax.....lbs. | .25 | 3 | 5 | Total..... | 24,680.25 | | \$253,659 |

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Reports of the Kansas State Board of Agriculture



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Dairy Products.—Cheese manufactured in 1873, 500 lbs.; in 1874, not reported. Butter made in 1873, 14,860 lbs.; in 1874, 25,073 lbs.: increase, 10,213 lbs.

Farm Animals.—Number of horses in 1873, 1,393; in 1874, 1,631: increase, 238. Mules and asses in 1873, 104; in 1874, 154: increase, 50. Cattle in 1873, 4,833; in 1874, 6,519: increase, 1,686. Sheep in 1873, 264; in 1874, 230: decrease, 34. Swine in 1873, 1,033; in 1874, 3,189: increase, 2,156.

Horticulture.—Acres of nurseries, 25; orchards, 1,061; vineyards, 1.

Water Powers.—There are several fine water powers on the Cottonwood, Muddy and Doyle creeks. Two mills have been erected on the Cottonwood, but no other powers have been improved.

Manufactures.—Peabody township, steam flouring mill, capital \$6,000. Doyle township, water-power flouring mill, capital \$12,000. Centre township, water-power flouring mill, capital \$10,000.

Banks.—Marion Bank and Savings Institution, Florence.

Newspapers.—Marion County Record, published weekly at Marion Center.

Schools, etc.—Organized school districts, 63; school houses, 56; value of school buildings and grounds, furniture and apparatus, \$70,115.75.

Churches.—Presbyterians: Organizations 3, membership 79, church edifices 3, valuation \$5,800. Baptist: Organizations 4, membership 91, church edifices 1, valuation \$1,000. United Presbyterian: Organizations 1, membership 18. Methodist: Organizations 7, membership 80, church edifices 1, valuation \$400. Episcopal: Membership 6. Catholic: Organizations 3, membership 270.

Lands.—Missouri, Kansas & Texas Railroad lands, 320 acres; Atchison, Topeka & Santa Fe Railroad lands, 97,716 acres. Prices of unoccupied lands: Railroad, from \$3.50 to \$9.00 per acre; average of other lands, \$5.25. Cost of breaking prairie, \$3.00 per acre.

Miscellaneous.—Fences in use, hedge, stone and rail. Cost of rearing hedge, 50 cents per rod; stone fence, \$2.75 to \$3.00 per rod; rails per hundred, \$5.00 to \$7.00; native lumber, \$20 to \$30 per thousand; pine, \$25 to \$40. The herd law is in force. Sheep husbandry is considered profitable.

MARSHALL.

Organized in 1855. Population in 1860, 2,280; in 1870, 6,901: increase in ten years, 4,611. Population in 1874, 10,122; increase since 1870, 3,221.

Principal Towns.—Marysville, the county seat, population 900; Blue Rapids, population 500; Waterville, population 600; Frankfort, population 500; Irving, population 400.

Face of the Country.—Bottom land 20 per cent., upland 80 per cent., forest 3 per cent., prairie 97 per cent. Average widths of bottoms one mile, general surface of the country undulating, along the Big Blue river bluffy.

Timber.—Average width of timber belts, one-quarter to one mile. Varieties, principally oak, walnut and cottonwood.

Principal Streams.—Big Blue river, running south; tributaries, Little Blue, Black Vermillion, Elm, Irish, Spring, Game Fork, Horseshoe and other creeks. The county has many good springs; well water obtained at a depth of from 20 to 40 feet.

Coal.—None has been developed.

Building Stone, etc.—An excellent quality of magnesian limestone is found in inexhaustible quantities; fire clay is reported in abundance, and pottery clay in limited quantities; extensive beds of gypsum also reported.

Railroad Connections.—The St. Joseph & Denver City Railroad runs through the county from east to west, a little north of the center. Principal station, Marysville. The Central Branch Union Pacific Railroad traverses nearly the entire extent of the southern part of the county from east to west. Present western terminus, Waterville; principal stations, Barrett's, Irving, Blue Rapids.



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Agricultural Statistics.—Taxable acres, 442,566; cultivated acres, 72,202; relative per cent. of cultivated to taxable acres, 16.31; increase of cultivated acres during the year, 1,121.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|------------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 4,958.00 | 74,370 | \$55,777 | Hemp.....lbs. | 1.00 | 800 | \$40 |
| Rye.....bu. | 764.00 | 11,460 | 6,876 | Tobacco.....lbs. | 2.00 | 1,200 | 120 |
| Spring wheat.....bu. | 25,048.00 | 300,576 | 180,346 | Broom corn.....lbs. | 144.00 | 100,800 | 4,637 |
| Corn, sod.....bu. | 2,764 | 117,465 | 105,719 | Millet.....tons. | 932.00 | 1,398 | 10,485 |
| Corn, old land.....bu. | 20,729 | 11,550 | 8,663 | Hungarian.....tons. | 239.00 | 239 | 1,793 |
| Barley.....bu. | 462.00 | 187,500 | 93,750 | Timothy, mead.....tons. | 59.00 | 59 | 443 |
| Oats.....bu. | 6,250.00 | 37.00 | 55 | Clover, meadow.....tons. | 31.00 | 62 | 465 |
| Buckwheat.....bu. | 846.00 | 33,840 | 38,916 | Prairie, mead., fncd., " | 2,564.00 | 1,282 | 6,410 |
| Potatoes, Irish.....bu. | 5.00 | 250 | 313 | Timothy pasture.....acs. | 220.00 | | |
| Sorghum.....galls. | 254.00 | 20,320 | 11,176 | Clover pasture.....acs. | | | |
| Castor beans.....bu. | 22.00 | 308 | 385 | Blue-grass pasture.....acs. | | | |
| Cotton.....lbs. | 7.00 | | | Prairie past., fncd.....acs. | 5,808.00 | | |
| Flax.....bu. | 56.00 | 560 | 840 | Total..... | 72,202.00 | | \$527,209 |

Dairy Products.—Cheese manufactured in 1873, 10,630 lbs.; in 1874, 17,760 lbs.: increase, 7,130 lbs. Butter made in 1873, 160,571 lbs.; in 1874, 192,139 lbs.: increase, 31,618 lbs.

Farm Animals.—Number of horses in 1873, 2,788; in 1874, 4,193: increase, 1,405. Mules and asses in 1873, 175; in 1874, 288: increase, 113. Cattle in 1873, 10,042; in 1874, 15,315: increase, 5,273. Sheep in 1873, 1,366; in 1874, 1,695: increase, 329. Swine in 1873, 6,644; in 1874, 9,366: increase, 2,722.

Horticulture.—Acres of nurseries, 52; orchards, 1,355; vineyards, 27.

Apiaculture.—Stands of Italian bees, 31; natives, 11; pounds of honey produced, 350.

Water Powers.—The Big Blue river furnishes excellent water power, quite extensively utilized.

Manufactures.—Marysville township, water-power flouring mill, capital \$50,000; water-power flouring mill, capital \$25,000; cigar manufactory, capital \$5,000; steam furniture manufactory, capital \$10,000. Waterville township, water-power flouring mill, capital \$25,000; soap manufactory, capital \$3,000; water-power flouring mill, capital \$15,000. Blue Rapids township, water-power flouring mill, capital \$50,000; water-power woolen mill, capital \$50,000; water-power paper mill, capital \$25,000; water-power gypsum manufactory, capital \$10,000; water-power flouring mill, capital \$20,000. Vermillion township, steam flouring mill, capital \$10,000; water-power flouring mill, capital \$5,000. Three cheese manufactories in the county, capital \$12,000; also 2 cigar manufactories. One brewery at Marysville.

Banks.—Marshall County Savings Bank, Waterville; banking house of Frank Schmidt, Marysville; banking house of Olmstead & Freeland, Blue Rapids.

Newspapers.—*Times*, Blue Rapids; *Telegraph*, Waterville—both weekly.

Schools, etc.—Organized school districts, 83; school houses, 73; value of school buildings and grounds, furniture and apparatus, \$82,900. Wetmore Institute, at Irving, under the charge of the Presbyterian church; parochial schools, under the charge of the Catholic church, at St. Joseph settlement and Marysville.

Churches.—Presbyterian: Organizations 5, membership 191, church edifices 2, valuation \$11,000. Congregational: Organizations 1, membership 59. Baptist: Organizations 5, membership 312, church edifices 1, valuation \$2,500. Methodist: Organizations 5, membership 341, church edifices 3, valuation \$6,500. Episcopal: Organizations 2, membership 30, church edifices 1, valuation \$3,500. Catholic: Organizations 6, membership 618, church edifices 2, valuation \$1,000.

Lands.—School lands unsold, 1,320 acres; Agricultural College lands, 4,160 acres.

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Prices of unoccupied lands: Maximum \$10, minimum \$2.50, average \$5 per acre. Cost of breaking prairie, \$3 per acre.

Miscellaneous.—Fences in use, wire, board, stone and rail: cost, etc., not reported. The herd law is in force in the county. Sheep husbandry considered profitable.

CITY OF MARYSVILLE.

| Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... | Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... |
|---|-----------------------------|--|------------------------------------|-----------------------------|--|
| Agricultural implements and wagons..... | 3 | \$100,000 | Hardware..... | 2 | \$40,000 |
| Books and periodicals and stationery..... | 1 | 1,500 | Jewelry, clocks, watches, &c..... | 1 | 5,000 |
| Boots and shoes..... | 2 | 15,000 | Lumber..... | 1 | 25,000 |
| Clothing and tailoring..... | 1 | 500 | Music and musical instruments..... | 1 | 5,000 |
| Confectionery..... | 2 | 2,500 | Millinery..... | 1 | 15,000 |
| Dry goods..... | 3 | 650,000 | Queensware..... | 1 | 3,000 |
| Drugs, oils and paints..... | 2 | 8,000 | Saddles and harness..... | 2 | 16,250 |
| Furniture and upholstery..... | 2 | 5,000 | Sewing machines..... | 1 | 1,100 |
| Groceries..... | 2 | 75,000 | | | |

CITY OF WATERVILLE.

| Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... | Name and kind of business. | No. of business houses..... | Value of goods sold during the year..... |
|---|-----------------------------|--|------------------------------------|-----------------------------|--|
| Books and periodicals and stationery..... | 2 | \$5,000 | Jewelry, clocks, watches, etc..... | 2 | \$4,000 |
| Boots and shoes..... | 1 | 10,000 | Lumber..... | 2 | 100,000 |
| Clothing and tailoring..... | 2 | 2,500 | Millinery..... | 2 | 2,500 |
| Confectionery..... | 3 | 10,000 | Merchandise ("country store")..... | 1 | 300,000 |
| Drugs, oils and paints..... | 3 | 30,000 | Saddles and harness..... | 1 | 2,000 |
| Hardware..... | 2 | 30,000 | | | |

McPHERSON.

Organized in 1870. Population in 1870, 738; in 1874, 4,837; increase, 4,099.

Principal Town.—McPherson, the county seat.

Face of the Country.—Bottom land 5 per cent, upland 95 per cent, forest 1 per cent, prairie 99 per cent. Average width of bottoms 1 mile, general surface of the country undulating.

Timber.—Average width of timber belts not more than 5 rods. Varieties, cottonwood, ash, elm, willow, and some oak.

Principal Streams.—The Smoky Hill river, in the northern part of the county, flowing from east to west; its tributaries flow north. The Little Arkansas flows southeast. The county has a tolerable supply of springs; good well water obtained at a depth on the bottoms of from 10 to 40 feet, high prairie 20 to 100 feet.

Coal.—None of consequence has been discovered.

Building Stone, etc.—In the southeast part of the county some limestone of fair quality is found; in the northern part there is an abundance of sandstone of second-rate quality. A few salt springs are reported, which have not been tested; also some mineral paint of poor quality. Pottery clay is found, but has not been tested. There are considerable quantities of gypsum of extra-good quality.

Railroad Connections.—There are no railroads in the county.

Newspapers.—The *Messenger* and *Farmers' Advocate*, published weekly at McPherson.

Churches.—Congregational: Organizations 2, membership 27. Baptist: Organizations 7, membership 144. Methodist: Organizations 5, membership 150. Catholic: Organizations 2, membership 140.

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Agricultural Statistics.—Taxable acres, 158,435; cultivated acres, 32,285; relative per cent. of cultivated to taxable acres, 20.37; increase of cultivated acres during the year, 13,913.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|------------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 4,572.00 | 54,864 | \$43,891 | Hemp.....lbs. | 1.00 | ..... | ..... |
| Rye.....bu. | 600.00 | 6,000 | 4,800 | Tobacco.....lbs. | ..... | ..... | ..... |
| Spring wheat.....bu. | 4,994.00 | 54,934 | 32,960 | Broom corn.....lbs. | 1,156.00 | 693,600 | \$31,906 |
| Corn, sod.....bu. | 6,466 } | ..... | ..... | Millet.....tons. | 16.00 | 16 | 72 |
| Corn, old land.....bu. | 9,466 } | ..... | ..... | Hungarian.....tons. | 47.00 | 47 | 212 |
| Barley.....bu. | 142.00 | 2,556 | 2,045 | Timothy, mead.....tons. | 32.00 | 32 | 144 |
| Oats.....bu. | 2,211.00 | 77,385 | 58,039 | Clover, meadow.....tons. | 44.00 | 44 | 198 |
| Buckwheat.....bu. | 10.00 | 80 | 120 | Prairie, mead., fence'd..... | 1,035.00 | 518 | 1,554 |
| Potatoes, Irish.....bu. | 534.00 | 5,340 | 5,340 | Timothy pasture.....acs. | 4.00 | ..... | ..... |
| Potatoes, sweet.....bu. | 50.00 | 1,000 | 2,000 | Clover pasture.....acs. | 4.00 | ..... | ..... |
| Sorghum.....gall. | 138.00 | 4,140 | 2,484 | Blue-grass pasture, acs. | 87.00 | ..... | ..... |
| Castor beans.....bu. | 18.55 | 223 | 268 | Prairie past., fence'd, acs. | 717.00 | ..... | ..... |
| Cotton.....lbs. | .30 | ..... | ..... | Total..... | 32,285.10 | ..... | \$186,037 |
| Flax.....bu. | .25 | 3 | 4 | | | | |

Dairy Products.—Cheese manufactured in 1873, 1,197 lbs.; in 1874, 912 lbs.: decrease, 285 lbs. Butter made in 1873, 26,647 lbs.; in 1874, 42,035 lbs.: increase, 15,388 lbs.

Farm Animals.—Number of horses in 1873, 605; in 1874, 1,780: increase, 1,175. Mules and asses in 1873, 54; in 1874, 215; increase, 161. Cattle in 1873, 3,835; in 1874, 6,354: increase, 2,519. Sheep in 1873, 220; in 1874, 459: increase, 239. Swine in 1873, 853; in 1874, 2,548: increase, 1,695.

Horticulture.—Acres of nurseries, 47.12; orchards, 696.60; vineyards, 5.25.

Water Power.—There are powers, but they have not been utilized.

Manufactures.—None reported.

Schools, etc.—Organized school districts, 16; school houses, 86; value of school buildings and grounds, furniture and apparatus, \$7,661.

Lands.—School lands unsold, 24,760 acres; Atchison, Topeka & Santa Fe Railroad lands, 59,678 acres; Kansas Pacific Railroad, 23,486 acres. Prices: Atchison, Topeka & Santa Fe, \$2.75 to \$8; Kansas Pacific, \$2 to \$6.

MIAMI.

Organized in 1856. Population in 1860, 4,980; in 1870, 11,725: increase in ten years, 6,745. Population in 1874, 12,370; increase since 1870, 645.

Principal Towns.—Paola, the county seat, population 1,800; Osawatomie, population 225; Fontana, population 150.

Face of the Country.—Bottom land 20 per cent., upland 80 per cent., forest 10 per cent., prairie 90 per cent.; average width of bottoms about one mile, general surface of the country undulating.

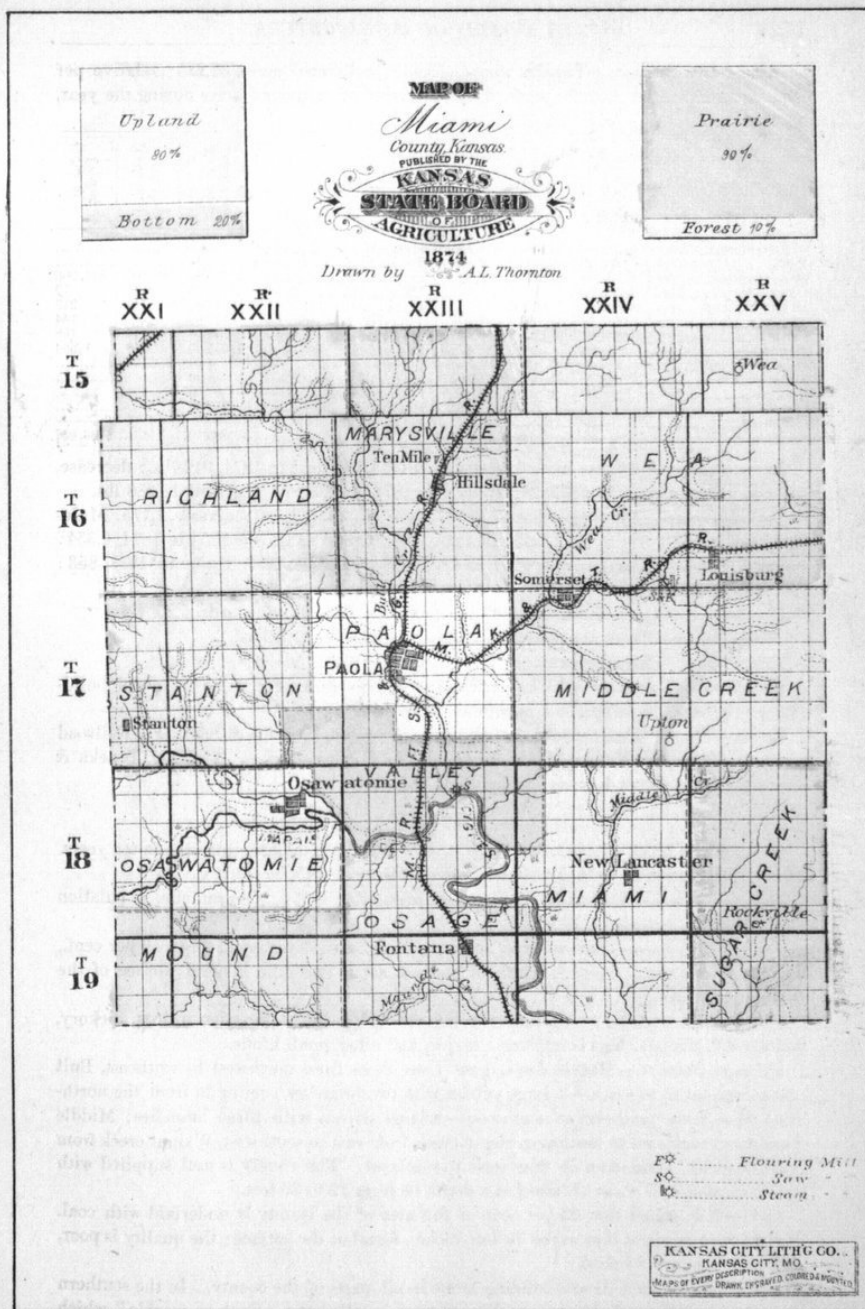
Timber.—Average width of timber belts, one half-mile. Varieties, walnut, hickory, cottonwood, pin oak, hackberry, sugar maple, and other small kinds.

Principal Streams.—Marais des Cygnes river flows from northwest to southeast, Bull creek from north to south—a large stream with two branches coming in from the northeast; Wea from northeast to southwest—a large stream with three branches; Middle creek from northeast to southwest, Sugar creek from east to southwest, Walnut creek from north to south, Pottawatomie from west to southeast. The county is well supplied with springs; good well water obtained at a depth of from 12 to 30 feet.

Coal.—It is stated that 25 per cent. of the area of the county is underlaid with coal. The thickest vein yet discovered is four inches, found at the surface; the quality is poor, and none has been worked.

Building Stone, etc.—Good building stone in all parts of the county. In the southern and central portions of the county is found what is called the "Fontana marble," which

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resembles the Junction City stone. There are no salt springs or marshes, but salt water has been found in sinking wells.

Railroad Connections.—The Missouri River, Fort Scott & Gulf Railroad runs north and south through the center of the county; stations, Paola and Fontana. The Paola & Holden Railroad, operated by the Missouri, Kansas & Texas Railroad, runs north of east from Paola, joining the Missouri Pacific at Holden, Missouri.

Agricultural Statistics.—Taxable acres, 363,067; cultivated acres, 141,724; relative per cent. of cultivated to taxable acres, 39.03; increase of cultivated acres during the year, 32,556.

| Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. | Crop. | No. acres of each Crop. | Amount of each Crop. | Value of Product. |
|-------------------------|-------------------------|----------------------|-------------------|----------------------------|-------------------------|----------------------|-------------------|
| Winter wheat.....bu. | 8,266.00 | 107,458 | \$102,085 | Hemp | lbs. | | |
| Rye | 292.00 | 2,920 | 2,190 | Tobacco.....lbs. | 8.00 | 5,900 | \$560 |
| Spring wheat.....bu. | 345.00 | 1,725 | 1,294 | Broom corn.....lbs. | 99.00 | 67,200 | 3,091 |
| Corn, sod.....bu. | 642 | 1,536,250 | 921,750 | Millet.....tons. | 1,592.00 | 3,184 | 19,104 |
| Corn, old land.....bu. | 60,808 | | | Hungarian.....tons. | 83.00 | 83 | 498 |
| Barley | 4.00 | 80 | 72 | Timothy, mead.....tons. | 3,559.00 | 3,559 | 21,354 |
| Oats.....bu. | 13,328.00 | 333,200 | 133,280 | Clover, meadow.....tons. | 967.00 | 1,451 | 8,706 |
| Buckwheat.....bu. | 118.00 | 1,298 | 1,947 | Prairie, mead. fence'd " | 24,299.00 | 18,224 | 72,896 |
| Potatoes, Irish.....bu. | 1,089.00 | 27,225 | 27,225 | Timothy pasture.....acs. | 426.00 | | |
| Potatoes, sweet.....bu. | 62.00 | 3,720 | 3,720 | Clover pasture.....acs. | 121.00 | | |
| Sorghum.....gall. | 379.00 | 32,215 | 16,108 | Blue-grass past.....acs. | 622.00 | | |
| Castor beans.....bu. | 221.00 | 3,536 | 4,420 | Prairie past. fence'd acs. | 24,270.00 | | |
| Cotton.....lbs. | 4.00 | 280 | 36 | Total..... | 141,724.00 | | \$1,342,181 |
| Flax.....bu. | 123.00 | 1,230 | 1,845 | | | | |

Dairy Products.—Cheese manufactured in 1873, 19,965 lbs.; in 1874, 20,845 lbs.: increase, 880 lbs. Butter made in 1873, 251,928 lbs.; in 1874, 262,985 lbs.: increase, 11,057 lbs.

Farm Animals.—Number of horses in 1873, 5,889; in 1874, 6,189: increase, 312. Mules and asses in 1873, 544; in 1874, 584: increase, 40. Cattle in 1873, 19,549; in 1874, 24,492: increase, 4,943. Sheep in 1873, 2,319; in 1874, 2,428: increase, 109. Swine in 1873, 18,851; in 1874, 24,297: increase, 5,446.

Horticulture.—Acres of nurseries, 12.25; orchards, 3,352; vineyards, 73.25.

Apiculture.—Stands of Italian bees, 9; native, 616; pounds of honey produce, 1,670; wax, 113.

Water Powers.—The Marais des Cygnes affords several powers, two of which have been utilized.

Manufactures.—There are three steam grist mills in the county, two steam grist and saw mills, one steam saw mill, one water-power saw mill, one wind-power grist and saw mill, one cigar manufactory and one brewery at Paola.

Banks.—First National Bank of Paola, capital \$50,000.

Newspapers.—The *Miami Republican* and the *Western Spirit*, both published weekly at Paola.

Schools, etc.—Organized school districts, 90; school houses, 88; value of school buildings and grounds, furniture and apparatus, \$121,734; a parochial school at Paola, under charge of the Catholic church.

Churches.—Presbyterian: Organizations 4, membership 166, church edifices 1, valuation \$4,000. Congregational: Organizations 2, membership 51, church edifices 2, valuation \$5,500. Baptist: Organizations 6, membership 242, church edifices 1, valuation \$2,700. Methodist: Organizations 17, membership 628, church edifices 4, valuation \$10,000. Episcopal: Organizations 1, membership 8. Catholic: Organizations 1, membership 200, church edifices 1, valuation \$2,000.

Lands.—Unoccupied lands mainly held by private owners. Prices: Maximum \$10.00, minimum \$3.00, average \$6.25 per acre. Cost of breaking prairie, \$2.50 per acre.