

Supervisor's Dist. No. 3

Enumeration Dist. No. 86

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 12, 1880

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in *Main Creek Township*, in the County of *Gasconade*, State of *Missouri* during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Louis Dieckgrafe

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-3 Name of corporation, capital, and value; 4-6 Average number of hands employed; 7-11 Wages and hours of labor; 12-16 Months in operation; 17-19 Power used in manufacture; 20-26 On what river or stream, height of fall, wheels, etc.

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27-29 Power used in manufacture (steam, horse); 30-35 Materials (wheat, other grain, supplies); 36-44 Products (barrels of wheat flour, rye flour, corn meal, etc.).

CHEESE FACTORIES; BUTTER FACTORIES; COMBINED BUTTER AND SKIM-CHEESE FACTORIES; CONDENSED MILK FACTORIES.

Table with 24 columns: 1-15 General inquiries applicable to all factories; 16-21 Inquiries applicable to cheese factories; 22-24 Inquiries applicable to butter factories.

CHEESE FACTORIES; BUTTER FACTORIES; COMBINED BUTTER AND SKIM-CHEESE FACTORIES; CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: 25-38 Inquiries applicable to combined butter and skim-cheese factories; 39-40 Inquiries applicable to condensed milk factories; 41-50 Power used in manufacture.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Supervisor's Dist. No. 30

Enumeration Dist. No. 85

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Dennman, in the County of Gasconade, State of Mo during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST-MILLS.

Fred L. Kiesel

Table with 18 columns: 1. NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. 2. CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. 3. Greatest number of hands employed at any one time during the year. 4-6. AVERAGE NUMBER OF HANDS EMPLOYED (Males above 15 years, Females above 15 years, Children and youth). 7-11. WAGES AND HOURS OF LABOR (NUMBER OF HRS. IN THE ORDINARY DAY OF LABOR, Average day's wages for a skilled mechanic, Average day's wages for an ordinary laborer, Total amount paid in wages during the year). 12-14. MONTHS IN OPERATION (On full time, On three-quarter time only, On half time only, Idle). 15. Number of runs of stone. 16. Estimated maximum capacity per day, in bushels. 17. Do you do custom work or make only for a market? If the former, what proportion of your product is custom grinding? 18. Is there an elevator connected with your establishment? If so, state capacity in bushels. 19-26. POWER USED IN MANUFACTURE (IF WATER-POWER IS USED: On what river or stream?, Height of fall, in feet, Number, Kind, Breadth, in feet, Revolutions per minute, Horse-power; IF STEAM-POWER IS USED: Number of boilers, Number of engines, Horse-power, Number of bushels of wheat, Value, Number of bushels of other grain, Value, Value of all materials, Total value of all materials, Number of barrels of wheat flour, Number of barrels of rye flour, Number of pounds of buckwheat flour, Number of pounds of barley meal, Number of pounds of corn meal, Number of pounds of feed, Number of pounds of hominy, Value of all other products, Total value of all products).

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Dennman, in the County of Gasconade, State of Mo during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST-MILLS.

Fred L. Kiesel

Table with 18 columns: 1. NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. 2. CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. 3. Greatest number of hands employed at any one time during the year. 4-6. AVERAGE NUMBER OF HANDS EMPLOYED (Males above 15 years, Females above 15 years, Children and youth). 7-11. WAGES AND HOURS OF LABOR (NUMBER OF HRS. IN THE ORDINARY DAY OF LABOR, Average day's wages for a skilled mechanic, Average day's wages for an ordinary laborer, Total amount paid in wages during the year). 12-14. MONTHS IN OPERATION (On full time, On three-quarter time only, On half time only, Idle). 15. Number of runs of stone. 16. Estimated maximum capacity per day, in bushels. 17. Do you do custom work or make only for a market? If the former, what proportion of your product is custom grinding? 18. Is there an elevator connected with your establishment? If so, state capacity in bushels. 19-26. POWER USED IN MANUFACTURE (IF WATER-POWER IS USED: On what river or stream?, Height of fall, in feet, Number, Kind, Breadth, in feet, Revolutions per minute, Horse-power; IF STEAM-POWER IS USED: Number of boilers, Number of engines, Horse-power, Number of bushels of wheat, Value, Number of bushels of other grain, Value, Value of all materials, Total value of all materials, Number of barrels of wheat flour, Number of barrels of rye flour, Number of pounds of buckwheat flour, Number of pounds of barley meal, Number of pounds of corn meal, Number of pounds of feed, Number of pounds of hominy, Value of all other products, Total value of all products).

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27. Number of boilers. 28. Number of engines. 29. Horse-power. 30. Number of bushels of wheat. 31. Value. 32. Number of bushels of other grain. 33. Value. 34. Value of all materials. 35. Total value of all materials. 36. Number of barrels of wheat flour. 37. Number of barrels of rye flour. 38. Number of pounds of buckwheat flour. 39. Number of pounds of barley meal. 40. Number of pounds of corn meal. 41. Number of pounds of feed. 42. Number of pounds of hominy. 43. Value of all other products. 44. Total value of all products.

INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY.

MILK FACTORIES ONLY.

Table with 25 columns: 25. Price per 100 pounds paid for making. 26. Cost of furnishing per 100 pounds. 27. Value of buttermilk and skimmed milk sold. 28. Number of pounds of butter made. 29. Number of pounds of cheese made. 30. Average pounds of milk used per pound of butter produced. 31. Average pounds of milk used per pound of cheese produced. 32. Average price per pound at which butter was sold for the season. 33. Average price per pound at which cheese was sold for the season. 34. Price per 100 pounds paid for making butter. 35. Price per 100 pounds paid for making cheese. 36. Cost of furnishing per 100 pounds of butter. 37. Cost of furnishing per 100 pounds of cheese. 38. Value of buttermilk and skimmed milk sold. 39. Number of pounds of condensed milk produced. 40. Value of condensed milk produced. 41. On what river or stream? (See note below.) 42. Height of fall, in feet. 43. Number. 44. Kind. 45. Breadth, in feet. 46. Revolutions per minute. 47. Horse-power. 48. Number of boilers. 49. Number of engines. 50. Horse-power.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Gascorade Co - mo

Enumeration Dist. No. 85

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND CRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Hannan, in the County of Gasconade, State of Mo during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Fred L. Hessel

FLOURING AND CRIST-MILLS.

Table with 26 columns: 1-3: General info; 4-11: Wages and hours of labor; 12-15: Months in operation; 16-19: Power used in manufacture; 20-26: Water-power details. Includes handwritten entry for 'Mingy & Co' with values like 15,000, 7, 7, 17, 9, 5, 100, 1000, 17, 5700, Market, No.

FLOURING AND CRIST-MILLS—Continued.

Table with 16 columns: 27-29: Power used in manufacture; 30-35: Materials; 36-44: Products. Includes handwritten entry for 'Mingy & Co' with values like 120000, 109000, 5000, 2000, 4800, 114800, 24000, 250000, 1830000, 128000.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: 1-15: General inquiries; 16-21: Inquiries for cheese factories; 22-24: Inquiries for butter factories. Includes handwritten entries for 'Mingy & Co'.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: 25-38: Inquiries for combined butter and skim-cheese factories; 39-40: Inquiries for condensed milk factories; 41-50: Power used in manufacture. Includes handwritten entries for 'Mingy & Co'.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Supervisor's Dist. No. 30
Enumeration Dist. No. 844

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 13, 1880.

FLOUR AND CRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Roark Township, in the County of Gasconade, State of Missouri during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

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Supervisor's Dist. No. 30
Enumeration Dist. No. 844

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND CRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Roark Township, in the County of Gasconade, State of Missouri during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

P.O. Herman

FLOURING AND GRIST-MILLS.

Conrad Klings

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Consists of number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | MONTHS IN OPERATION. | | | | Estimated maximum capacity per day, in bushels. | Do you do custom work or make only for a market? If the former, what proportion of your product is custom grinding? | Is there an elevator connected with the mill? If so, state capacity in bushels. | POWER USED IN MANUFACTURE. | | | | | | | | |
|---|---|---|-----------------------------------|-------------------------|---------------------|---------------------------|------------------|---|--|---|---------------|-----------------------------|--------------------|---|---|---|----------------------------|--------------------------|--|--------------------------|-------------|-------------|-------------------|-------------------------|--------------|
| | | | Males above 16 years. | Females above 16 years. | Children and youth. | May to November. | November to May. | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | | | | Idle. | Number of runs of stone. | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. |
| 1 <u>Opus Grindich</u> | 2 <u>1000</u> | 3 <u>1</u> | 4 <u>1</u> | 5 <u>1</u> | 6 <u>12</u> | 7 <u>12</u> | 8 <u>3</u> | 9 <u>1</u> | 10 <u>200</u> | 11 <u>-</u> | 12 <u>5</u> | 13 <u>✓</u> | 14 <u>2</u> | 15 <u>150</u> | 16 <u>15,000</u> | 17 <u>none</u> | 18 <u>Dist Creek</u> | 19 <u>-</u> | 20 <u>-</u> | 21 <u>-</u> | 22 <u>-</u> | 23 <u>-</u> | 24 <u>-</u> | 25 <u>-</u> | 26 <u>-</u> |

Corrected original

FLOURING AND GRIST-MILLS—Continued.

| POWER USED IN MANUFACTURE—Continued. | | | MATERIALS. | | | | | | PRODUCTS. | | | | | | | | | | |
|--------------------------------------|--------------------|--------------|-----------------------------|-----------------|-----------------------------------|----------------|-------------------------|-------------------------------|-----------------------------------|---------------------------------|---------------------------------------|----------------------------------|--------------------------------|---------------------------|-----------------------------|------------------------------|------------------------------|----|----|
| Number of boilers. | Number of engines. | Horse-power. | Number of bushels of wheat. | Value. | Number of bushels of other grain. | Value. | Value of mill supplies. | Total value of all materials. | Number of barrels of wheat flour. | Number of barrels of rye flour. | Number of pounds of buck-wheat flour. | Number of pounds of barley meal. | Number of pounds of corn meal. | Number of pounds of feed. | Number of pounds of hominy. | Value of all other products. | Total value of all products. | | |
| | | | | | | | | | | | | | | | | | | 27 | 28 |
| 1 <u>1</u> | 2 <u>1</u> | 3 <u>20</u> | 4 <u>15,000</u> | 5 <u>14,094</u> | 6 <u>7,000</u> | 7 <u>4,000</u> | 8 <u>400</u> | 9 <u>18,194</u> | 10 <u>3,000</u> | 11 <u>-</u> | 12 <u>-</u> | 13 <u>-</u> | 14 <u>300,000</u> | 15 <u>23,333</u> | 16 <u>-</u> | 17 <u>-</u> | 18 <u>20,000</u> | | |

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

| INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY—Cont'd. | | | | INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY. | | | | | | | | | | INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY. | | | | | | POWER USED IN MANUFACTURE. | | | | | |
|---|------------------------------------|--|----------------------------------|---|---|---|--|--|--|--|--|--|--|--|-----------------------------------|--|--------------------------|-------------------------|-------|----------------------------|-------------------------|-------------------------|--------------------|--------------------|--------------|
| Price per 100 pounds paid for milk. | Cost of furnishing per 100 pounds. | Value of buttermilk and skimmed milk sold. | Number of pounds of butter made. | Number of pounds of cheese made. | Average pounds of milk used per pound of butter produced. | Average pounds of milk used per pound of cheese produced. | Average price per pound at which factor was sold for the season. | Average price per pound at which cheese was sold for the season. | Price per 100 pounds paid for making butter. | Price per 100 pounds paid for making cheese. | Cost of furnishing per 100 pounds of butter. | Cost of furnishing per 100 pounds of cheese. | Value of buttermilk and skimmed milk sold. | Number of pounds of condensed milk produced. | Value of condensed milk produced. | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER-POWER IS USED. | | | | IF STEAM-POWER IS USED. | | | |
| | | | | | | | | | | | | | | | | | | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials, Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.

POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported.

HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated.
 COLUMNS 16 to 21 have reference to manufacturers of cheese only.
 COLUMNS 22 to 27 have reference to manufacturers of butter only.
 COLUMNS 28 to 29 have reference to those factories that manufacture both cheese and butter.
 COLUMNS 30 and 40 have reference to manufacturers of condensed milk.

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Material 252

Product 390

OK
Denton

Supervisor's Dist. No. 30
Enumeration Dist. No. 844

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 13, 1880.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Roark Township, in the County of Gasconade, State of Missouri
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Conrad Klinge

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-3: General info; 4-11: Wages and hours of labor; 12-16: Months in operation; 17-19: Power used in manufacture; 20-26: Water-power details. Includes entry for 'Brunns Frederick'.

FLOURING AND GRIST-MILLS—Continued.

Table with 26 columns: 27-30: Materials (bushels, value); 31-35: Products (barrels, pounds); 36-44: Further product details. Includes entry for '15600' bushels of wheat.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.

INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

Table with 24 columns: 1-10: General inquiries; 11-16: Cheese inquiries; 17-24: Butter inquiries. Includes entry for 'Kard Daniel'.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 26 columns: 25-38: Cheese and butter inquiries; 39-40: Condensed milk inquiries; 41-50: Power used in manufacture.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Received July 13, '80.

Supervisor's Dist. No. Third
Enumeration Dist. No. 8200

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Carroll Sup., in the County of Gasconade, State of Missouri
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST-MILLS.

Gerhardt Poppenhause

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | MONTHS IN OPERATION. | | | | Estimated maximum capacity per day, in bushels. | Do you do custom work or make only for market? If the former, is custom grinding? | Is there an elevator connected with your establishment? If so, state capacity in bushels. | POWER USED IN MANUFACTURE. | | | | | | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|--|------------------|---|--|---|---------------|-----------------------------|--------------------|---|---|---|----------------------------|--------------------------|--|--------------------------|---------|---------|-------------------|-------------------------|--------------|
| | | | Males above 16 years. | Females above 16 years. | Children and youth. | NUMBER OF HES. IN THE ORDINARY DAY OF LABOR. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | | | | Idle. | Number of runs of stone. | IF WATER-POWER IS USED. | | | WHEELS. | | | |
| | | | | | | May to November. | November to May. | | | | | | | | | | | | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| <u>Mark Henry</u> | <u>\$ 3000</u> | <u>1</u> | <u>1</u> | | | <u>12</u> | <u>10</u> | | <u>75c</u> | <u>\$ 400.00</u> | <u>7</u> | <u>6</u> | <u>6</u> | | <u>2</u> | <u>120</u> | <u>Custom's bank</u> | <u>15 per hour</u> | <u>Red Oak</u> | | | | | | |

FLOURING AND GRIST-MILLS—Continued.

| POWER USED IN MANUFACTURE—Continued. | | | MATERIALS. | | | | | | PRODUCTS. | | | | | | | | | | |
|--------------------------------------|--------------------|--------------|-----------------------------|---------------|-----------------------------------|--------------|-------------------------|-------------------------------|-----------------------------------|---------------------------------|--------------------------------------|----------------------------------|--------------------------------|---------------------------|-----------------------------|------------------------------|------------------------------|----|----|
| Number of boilers. | Number of engines. | Horse-power. | Number of bushels of wheat. | Value. | Number of bushels of other grain. | Value. | Value of mill supplies. | Total value of all materials. | Number of barrels of wheat flour. | Number of barrels of rye flour. | Number of pounds of buckwheat flour. | Number of pounds of barley meal. | Number of pounds of corn meal. | Number of pounds of feed. | Number of pounds of hominy. | Value of all other products. | Total value of all products. | | |
| | | | | | | | | | | | | | | | | | | 27 | 28 |
| <u>1</u> | <u>1</u> | <u>25</u> | <u>14400</u> | <u>\$3200</u> | <u>\$3200</u> | <u>\$960</u> | <u>120</u> | <u>\$1280</u> | <u>880</u> | | | | <u>172800</u> | <u>38000</u> | | | <u>\$5850</u> | | |

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

| GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE. | | | | | | | | | | | | | | | INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY. | | | | | INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY. | | | | | | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|-------------------------------------|---|---|--|--|--|--|--|---|--|-----------------|---|--|---------------------------------------|--|----------------------------------|---|--|---------------------------------------|------------------------------------|--|----|----|
| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES. | | | | Date when manufacturing season opened. | Date when manufacturing season closed. | Average number of cows furnished with milk during the year 1879. | Average cost of milk per 100 lbs., if bought at the factory. | Total number of pounds of milk used at the factory during the year. | Number of pounds of cheese made. | Kind of cheese. | Average pounds of milk used per pound of cheese produced. | Average price per pound at which cheese was sold for the season. | Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Number of pounds of butter made. | Average pounds of milk used per pound of butter produced. | Average price per pound at which butter was sold for the season. | Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Value of butter and skimmed milk sold. | | |
| | | | Males above 16 years. | Females above 16 years. | Children and youth. | Average day's wages for a dairyman. | Average day's wages for ordinary labor. | Total amount paid in wages during the year. | Total value of labor employed in the year. | | | | | | | | | | | | | | | | | | 16 | 17 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

| INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY—Contd. | | | INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY. | | | | | | | | | | INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY. | | POWER USED IN MANUFACTURE. | | | | | | | | | | |
|--|------------------------------------|--|---|----------------------------------|---|---|--|--|--|--|--|--|--|--|-----------------------------------|--|--------------------------|---------|-------|-------------------------|--------------------|--------------|----|----|----|
| Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Value of butter and skimmed milk sold. | Number of pounds of butter made. | Number of pounds of cheese made. | Average pounds of milk used per pound of butter produced. | Average pounds of milk used per pound of cheese produced. | Average price per pound at which butter was sold for the season. | Average price per pound at which cheese was sold for the season. | Price per 100 pounds paid for making butter. | Price per 100 pounds paid for making cheese. | Cost of furnishing per 100 pounds of butter. | Cost of furnishing per 100 pounds of cheese. | Value of butter and skimmed milk sold. | Number of pounds of condensed milk produced. | Value of condensed milk produced. | On what river or stream? (See note below.) | IF WATER-POWER IS USED. | | | IF STEAM-POWER IS USED. | | | | | |
| | | | | | | | | | | | | | | | | | Height of fall, in feet. | Number. | Kind. | Number of boilers. | Number of engines. | Horse-power. | | | |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated.
 COLUMNS 16 to 21 have reference to manufacturers of cheese only.
 COLUMNS 22 to 27 have reference to manufacturers of butter only.
 COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter.
 COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Supervisor's Dist. No. 3
Enumeration Dist. No. 80

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Boulware Township, in the County of Gasconade, State of Missouri
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Hester Buschman

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-3: General info; 4-6: Average number of hands employed; 7-11: Wages and hours of labor; 12-16: Months in operation; 17-18: Estimated maximum capacity; 19: Elevator info; 20-26: Power used in manufacture (wheels).

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27-30: Power used in manufacture (steam); 31-34: Materials (wheat, other grain, mill supplies); 35-38: Products (barrels of wheat flour, rye flour, buckwheat flour, barley meal); 39-43: Other products; 44-46: Total value of products.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: 1-6: General inquiries; 7-15: Wages; 16-24: Inquiries applicable to cheese/butter factories only.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 24 columns: 25-38: Inquiries applicable to combined butter and skim-cheese factories only; 39-40: Inquiries applicable to condensed milk factories only; 41-50: Power used in manufacture.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only servicable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Enumeration Dist. No. 81

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Bourbon, Ind., in the County of Gasconade, State of Mo. during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

C. B. Bowen

FLOURING AND GRIST-MILLS.

Table with 26 columns: NAME OF CORPORATION, CAPITAL, AVERAGE NUMBER OF HANDS EMPLOYED, WAGES AND HOURS OF LABOR, MONTHS IN OPERATION, POWER USED IN MANUFACTURE.

FLOURING AND GRIST-MILLS—Continued.

Table with 17 columns: POWER USED IN MANUFACTURE, MATERIALS, PRODUCTS.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.

INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

Table with 24 columns: NAME OF CORPORATION, CAPITAL, AVERAGE NUMBER OF HANDS EMPLOYED, WAGES, INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY, INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 24 columns: INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY, INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY, INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY, POWER USED IN MANUFACTURE.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only.