

Supervisor's Dist. No. 4
Enumeration Dist. No. 15

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 23, 1880.

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

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

Thomas J. Bishop

FLOURING AND GRIST-MILLS.

Table with columns for Name of Corporation, Capital, Average Number of Hands Employed, Wages and Hours of Labor, Months in Operation, and Power Used in Manufacture. Includes handwritten entries for 'Dillard John B.' and 'Tarrack'.

FLOURING AND GRIST-MILLS—Continued.

Table with columns for Materials (Number of bushels of wheat, value, etc.) and Products (Number of barrels of wheat flour, etc.). Includes handwritten entries for '10,000', '8,000', '15,000', etc.

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

Table with columns for Name of Corporation, Capital, Average Number of Hands Employed, Wages, Inquiries Applicable to Cheese Factories Only, and Inquiries Applicable to Butter Factories Only.

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

Table with columns for Inquiries Applicable to Butter Factories Only, Inquiries Applicable to Combined Butter and Skim-Cheese Factories Only, Inquiries Applicable to Condensed Milk Factories Only, and 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. Only serviceable boilers and engines are to be reported. HOUSE-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. 4
Enumeration Dist. No. 14

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 23, 1880.

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

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

H. H. Harlock

FLOURING AND GRIST-MILLS.

Table with 30 columns: 1-30. Includes columns for Name of Corporation, Capital, Average Number of Hands Employed, Wages and Hours of Labor, Months in Operation, Estimated maximum capacity, and Power Used in Manufacture (Water and Steam).

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27-44. Includes columns for Power Used in Manufacture (Steam and Water), Materials (Wheat, Other Grain, Mill Supplies), and Products (Wheat Flour, Rye Flour, Barley Meal, Corn Meal, Feed, Houring, Other Products).

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

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

Table with 24 columns: 1-24. Includes columns for Name of Corporation, Capital, Average Number of Hands Employed, Wages, Date when manufacturing season opened, Average number of cows furnished, Average cost of milk, Total number of pounds of cheese made, and various inquiries for cheese and butter factories.

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

Table with 20 columns: 25-44. Includes columns for Price per 100 pounds paid for making, Value of butter and milk used, Number of pounds of butter made, Average price per pound, and Power Used in Manufacture (Water and Steam).

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 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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Supervisor's Dist. No. 4
Enumeration Dist. No. 14

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 23, 1880

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

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

FLOURING AND GRIST-MILLS.

Table with 20 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 16 years, Females above 16 years, Children and youth). 7-8. Number of hrs. in the ordinary day of labor (May to Nov, Nov to May). 9. Average day's wages for a skilled mechanic. 10. Average day's wages for an ordinary laborer. 11. 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-ground? 18. Is there an elevator connected with capacity in bushels? 19. On what river or stream? (See note below.) 20-26. Power used in manufacture (Wheels: Height of fall, Number, Kind, Breadth, Revolutions per minute, Horse-power).

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27-29. Power used in manufacture (Steam-power, Horse-power). 30-35. Materials (Number and Value of bushels of wheat, other grain, mill supplies, Total value of all materials). 36-44. Products (Number of barrels of wheat flour, rye flour, pounds of buckwheat flour, barley meal, corn meal, feed, hominy, other products, Total value of all products).

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

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

Table with 24 columns: 1-2. Name of corporation, company, or individual producing to the value of \$500 annually. 3. Capital (real and personal) invested in the business. 4-6. Average number of hands employed. 7-10. Wages (Average day's wages for a dairyman, ordinary laborer, Total amount paid in wages during the year, Total value of labor employed in the year). 11-12. Dates when manufacturing seasons opened and ended. 13-14. Average number of cows furnishing milk during the year 1879, and average cost of milk per 100 lbs. if bought at the factory. 15. Total number of pounds of milk used at the factory during the year. 16-21. Inquiries applicable to cheese factories only (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). 22-24. Inquiries applicable to butter factories only (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).

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

Table with 17 columns: 25-27. Inquiries applicable to butter factories only (Price per 100 pounds paid for making, Cost of furnishing per 100 pounds, Value of butter and skinned milk sold). 28-38. Inquiries applicable to combined butter and skim-cheese factories only (Number of pounds of butter made, Number of pounds of cheese made, Average pounds of milk used per pound of butter 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 buttermilk and skinned milk sold). 39-40. Inquiries applicable to condensed milk factories only (Number of pounds of condensed milk produced, Value of condensed milk produced). 41-50. Power used in manufacture (On what river or stream? Height of fall, Number, Kind, Breadth, Revolutions per minute, Horse-power, Number of boilers, Number of engines, 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.

Received July 19, 1880.

Supervisor's Dist. No. 4
Enumeration Dist. No. 19

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

John S. Cornell

FLOURING AND GRIST-MILLS.

Table with 30 columns: NAME OF CORPORATION, CAPITAL, AVERAGE NUMBER OF HANDS EMPLOYED, WAGES AND HOURS OF LABOR, OPERATION, POWER USED IN MANUFACTURE.

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: POWER USED IN MANUFACTURE, MATERIALS, PRODUCTS.

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

Table with 24 columns: GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE, 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 25 columns: 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.

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.

vertical handwritten notes on the right margin: includes woodwork put in machinery 1/4, 1879 was the first year this mill had to stop on account of water in a pond of 10 years \$8000 was without it would be 27, 1879-1880 about the same.

Supervisor's Dist. No. 4
Enumeration Dist. No. 20

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 23, 1880.

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

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

John A. Sanders

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-3: Name of corporation, capital, hands employed; 4-6: Average number of hands employed; 7-11: Wages and hours of labor; 12-16: Months in operation; 17-19: Estimated maximum capacity, custom work, elevator; 20-26: Power used in manufacture (water, steam, wheels).

FLOURING AND GRIST-MILLS—Continued.

Table with 17 columns: 27-29: Power used in manufacture (steam); 30-35: Materials (wheat, other grain, mill supplies); 36-44: Products (wheat flour, rye flour, buckwheat flour, corn meal, feed, honey, other 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: 1-10: General inquiries (name, capital, hands, wages, labor, value); 11-15: Manufacturing dates and costs; 16-21: Cheese inquiries (pounds, kinds, price, cost); 22-24: Butter inquiries (pounds, price, cost).

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

Table with 12 columns: 25-38: Cheese and butter inquiries (price, cost, value); 39-40: Condensed milk inquiries; 41-50: Power used in manufacture (water, steam, wheels).

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. 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 to 38 have reference to manufacturers of condensed milk.

Ingraham Morris

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