[7—344.] 5

Received August 18, 80

Supervisor's Dist. No. 2

Enumeration Dist. No. 121

# Special Schedules of Manufactures—Nos. 7 and 8.

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

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

N C Edwards

### FLOURING AND GRIST-MILLS.

| | 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages and hours of labor: Number of hrs. in the ordinary day of labor: May to Novemb'r. | Novemb'r 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. | Months in operation: On full time. | On three-quarter time only. | On half time only. | Idle. | Number of runs of stone. | 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 your establishment? If so, state capacity in bushels. | Power used in manufacture: If water-power is used: On what river or stream? (See note below.) | Height of fall, in feet. | Wheels: 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 |
| 1 | Hall & Josephs | 2500 | 8 | 3 ~~8~~ | | | 10 | 8 | 75 | 50 | 200 | | | 12 | | 2 | 170 | Custom all | | Middle Creek | 20 | 1 | Overshot | 4 | 8 | 15 |
| 2 | Byrd & Stoneshot | 5000 | 3 | 3 2 | | 1 | 12 | 10 | 75 | 40 | 380 | 12 | | | | 2 | 175 | Custom (all) | | Little River | [illegible] | 3 | Center | 1½ | 65 | 30 |
| 3 | J & E E Bradshaw | 2000 | 4 | 4 | | | 10 | 8 | | 40 | 250 | 6 | | | 6 | 2 | 100 | Custom | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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### FLOURING AND GRIST-MILLS—Continued.

| | Power used in manufacture—Continued. If steam-power is used: Number of boilers. | Number of engines. | Horse-power. | Materials: Number of bushels of wheat. | Value. | Number of bushels of other grain. | Value. | Value of mill supplies. | Total value of all materials. | Products: 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 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| 1 | | | 15 | 1500 | 1800 | 6000 | 4800 | 100 | 6.700 | 300 | | | | 288000 | 78000 | | | 8200 6400 |
| 2 | | | 30 | 2400 | 3000 | 7200 | 6000 | 100 | 9.100 | 450 | | | | 360.000 | 73800 | | | 11500 3200 |
| 3 | 1 | 1 | 35 | 2400 | 2000 | 2000 | 1800 | 100 | 3.900 | 400 | | | | 108000 12200 | 44000 | | | 5800 24400 |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |

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

| | General inquiries applicable to all factories named above: 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages: 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. | Date when manufacturing season opened. | Date when manufacturing season ended. | Average number of cows furnishing milk during this 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. | 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. | 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. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3 | | | | | | | | | | | | | | | | | | | | | | | | |
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| 6 | | | | | | | | | | | | | | | | | | | | | | | | |

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

| | Inquiries applicable to butter factories only—Cont'd: Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Value of buttermilk and skimmed milk sold. | 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 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 buttermilk and skimmed milk sold. | Inquiries applicable to condensed milk factories only: Number of pounds of condensed milk produced. | Value of condensed milk produced. | Power used in manufacture: If water-power is used: On what river or stream? (See note below.) | Height of fall, in feet. | Wheels: Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | If steam-power is used: 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 |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |

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.

2d Johnson

[7-344.] 4

Supervisor's Dist. No. 2
Enumeration Dist. No. 120

# Special Schedules of Manufactures—Nos. 7 and 8.

Received August, 1880

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

Products of Industry in 425 1757 M. Dist., in the County of Macon, State of Georgia during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Jas. L. Battle

### FLOURING AND GRIST-MILLS.

| 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages and hours of labor: Number of hrs. in the ordinary day of labor: May to Novemb'r. | Novemb'r 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. | Months in operation: On full time. | On three-quarter time only. | On half time only. | Idle. | Number of runs of stone. | 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 your establishment? If so, state capacity in bushels. | Power used in manufacture: If water-power is used: On what river or stream? (See note below.) | Height of fall, in feet. | Wheels: 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 |
| Stephens William | 2000 | 8 | 5 | | 1 | 12 | 12 | 1.25 | .37½ | 500 | 12 | | | | 2 | 200 | | | Ocmulgee River | 10 | 3 | Wood | 4½ | 80 | 20 |
| Hall & Gable | 5000 | 4 | 3 | | | 12 | 12 | 1.50 | .50 | 600 | 12 | | | | 3 | 300 | One third | | Steam | | | | | | |
| Jones Lewis | 1000 | 4 | 3 | | 1 | 8 | 12 | 1.40 | .50 | 300 | 12 | | | | 1 | 40 | | | Water [illegible] | 10 | 2 | Wood | 3½ | 60 | 15 |

### FLOURING AND GRIST-MILLS—Continued.

| Power used in manufacture—Continued. If steam-power is used: Number of boilers. | Number of engines. | Horse-power. | Materials: Number of bushels of wheat. | Value. | Number of bushels of other grain. | Value. | Value of mill supplies. | Total value of all materials. | Products: 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 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| | | | 6000 | 9000 | 12000 | 12000 | 600 | ~~75000~~ 21600 | 1150 | | | | 684000 | ~~7000~~ 114000 | 4000 | 300 | ~~78000~~ 24100 |
| 1 | 1 | 18 | 5500 | 6100 | 18000 | 11250 | 500 | 17850 | 1100 | | | | 810000 | 85500 | | | 21350 |
| | | | 300 | 350 | 1000 | 800 | 300 | 1450 | 60 | | | | 56000 | 60000 | 200 | | 3450 |

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

| 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages: 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. | Date when manufacturing season opened. | Date when manufacturing season ended. | Average number of cows furnishing 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. | Inquiries applicable to cheese factories only: Number of pounds of cheese made. | Kinds 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. | 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. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |

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

| Inquiries applicable to butter factories only—Cont'd: Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Value of buttermilk and skimmed milk sold. | 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 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 buttermilk and skimmed milk sold. | Inquiries applicable to condensed milk factories only: Number of pounds of condensed milk produced. | Value of condensed milk produced. | Power used in manufacture: If water-power is used: On what river or stream? (See note below.) | Height of fall, in feet. | Wheels: Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | If steam-power is used: 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.

2d Johnson

(1) [7-344.] [certificate on back ESR]

Received August 13, 1880

Supervisor's Dist. No. 2
Enumeration Dist. No. 119

Special Schedules of Manufactures—Nos. 7 and 8.

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

Products of Industry in 153d Dist, in the County of Warren, State of Georgia during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Robt T Barksdale

## FLOURING AND GRIST-MILLS.

| 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages and hours of labor: Number of hrs. in the ordinary day of labor: May to Novemb'r. | Novemb'r 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. | Months in operation: On full time. | On three-quarter time only. | On half time only. | Idle. | Number of runs of stone. | 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 your establishment? If so, state capacity in bushels. | Power used in manufacture. If water-power is used: On what river or stream? (See note below.) | Height of fall, in feet. | Wheels: 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 | |
| Kinney J T Estate | 2500 | 2 | 1 | | | 8 | 10 | 75 50 | 50 | 200 | 12 | | | | 3 | 160 | All Custom Work | | Rocky Comfort | 9 | 1 | Scroll | 4 | 160 | 12 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
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## FLOURING AND GRIST-MILLS—Continued.

| Power used in manufacture—Cont'd. If steam-power is used: Number of boilers. | Number of engines. | Horse-power. | Materials: Number of bushels of wheat. | Value. | Number of bushels of other grain. | Value. | Value of mill supplies. | Total value of all materials. | Products: 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 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | |
| 1 | 1 | 16 | 1000 | 1000 | 1500 | 1200 | 100 | 2300 | 200 | | | | 72000 | 3000 | | | 2800 | 1 |
| | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | 4 |
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| | | | | | | | | | | | | | | | | | | 6 |

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

| 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages: Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | Total value of labor employed in the year. | Date when manufacturing season opened. | Date when manufacturing season ended. | Average number of cows furnishing milk during the year 1879. | Average cost of milk per 100 lbs., if bought at the factory. | Total number of pounds of milk received at the factory during the year. | 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. | 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. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |
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## CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

| Inquiries applicable to butter factories only—Cont'd: Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Value of buttermilk and skimmed milk sold. | 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 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 buttermilk and skimmed milk sold. | Inquiries applicable to condensed milk factories only: Number of pounds of condensed milk produced. | Value of condensed milk produced. | Power used in manufacture. If water-power is used: On what river or stream? (See note below.) | Height of fall, in feet. | Wheels: Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | If steam-power is used: 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
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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.

2d Johnson

### 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 August 13, 1880

Supervisor's Dist. No. 2
Enumeration Dist. No. 119

Special Schedules of Manufactures—Nos. 5 and 6.

# LUMBER MILLS AND SAW-MILLS—BRICK YARDS AND TILE WORKS.

Products of Industry in 153 District, in the County of Warren, State of Georgia during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Robt O Barksdale

## LUMBER MILLS AND SAW-MILLS.

| | 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages and hours of labor: Number of hours in the ordinary day of labor: 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. | Months in operation: On full time. | On three-quarter time only. | On half time only. | Idle. | Saws: Number of gangs. | Number of saws in gang. | Number of circular saws. | Number of muley saws. | Number of band-saws. | Materials: Value of logs. | Value of mill supplies. | Total value of all materials (including value of logs). | Proper saw-mill products: Number of thousand feet of lumber. | Number of thousand laths. | Number of thousand shingles. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| 1 | Mathews John E & C H | 1000 | 3 | 1 | | | 10 | 8 | | 40 | 73 | 3 | | 1 | 8 | | | 1 | | | 450 | 30 | 480 | 100000 | | |
| 2 | Fulghum J A | 1200 | 6 | 25 | | | 12 | 10 | | 40 | 200 | 3 | | | 9 | | | 2 | | | 1200 | 100 | 1300 | 320000 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |

## LUMBER MILLS AND SAW-MILLS—Continued.

| | Proper saw-mill products—Continued: Number of thousand staves. | Number of thousand sets of headings. | Number of thousand feet of bobbin and spool stock. | Total value of all products heretofore named. | Total value of all other products. | Remanufactures: Do you remanufacture sash, doors, blinds, frames, portions of your own lumber into clap-boards &c.? [Yes or no.] | If so, give total value of such manufactures. | Give average number of hands employed in such remanufacture. | From what region do you procure your logs? | Do you do your own logging? [Yes or no.] | If so, what proportion of your logs do you bring in? | Do you ship your product in your own vessels? [Yes or no.] | Power used in manufacture: If water is used: On what river or stream? (See note below.) | Height of fall, in feet. | Wheels: Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | If steam-power is used: Number of boilers. | Number of engines. | Horse-power. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 1 | | | | 1000 ~~750~~ | | No | | | In immediate vicinity of Mill | Yes | | | Branch of Ogeechee River | 12 | 1 | Back Shot | 16 | | 12 | | | |
| 2 | | | | 2000 | | | | | " " " " " | No | | | | | | | | | | 1 | 1 | 12 |
| 3 | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | |

## BRICK YARDS AND TILE WORKS.

| | 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages and hours of labor: Number of hours in the ordinary day of labor: 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. | Months in operation: On full time. | On three-quarter time only. | On half time only. | Idle. | Materials: Number of cords wood. | Value of all other material. | Total value of all materials. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1 | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |

## BRICK YARDS AND TILE WORKS—Continued.

| | Products: Number of thousand common brick. | Number of thousand fire-brick. | Number of thousand pressed brick. | Value of tile. | Value of drain-pipe. | Value of all other products. | Total value of all products. | Power used in manufacture: If water-power is used: On what river or stream? (See note below.) | Height of fall, in feet. | Wheels: Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | If steam-power is used: Number of boilers. | Number of engines. | Horse-power. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| 1 | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |

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.

2d Johnson

Received August, 1880

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Enumeration Dist. No. 120

The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:

(1.) Boot and Shoe Factories.
(2.) Cheese and Butter Factories.
(3.) Flouring and Grist Mills.
(4.) Salt Works.
(5.) Lumber Mills and Saw Mills.
(6.) Brick Yards and Tile Works.
(7.) Paper Mills.
(8.) Coal Mines.
(9.) Agricultural Implement Works.
(10.) Quarries.

# SCHEDULE 3.—MANUFACTURES.—Products of Industry in 42 & 757 Dist. in the County of Marion, State of Ga, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office: Warrentar

Jas d Battle, Enumerator.

| | Name of Corporation, Company, or Individual producing to the value of $500 annually. | Name of Business, Manufacture, or Product. | 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: Males above 16 years. | Females above 15 years. | Children and youth. | Wages and Hours of Labor: Number of Hours in the ordinary day of labor: 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. | Months in Operation: On full time. | On ¾ time only. | On ⅔ time only. | On ½ time only. | Idle. | Value of Material (including Mill Supplies and Fuel. Omitting fractions of a dollar). | Value of Product (including Jobbing and Repairing. Omitting fractions of a dollar). | Power used in Manufacture. If water power is used: On what River or Stream? | Height of fall, in feet. | Wheels: Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | If steam power is used: Number of Boilers. | Number of Engines. | 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 | 27 | 28 | 29 |
| 1 | Hawsar William | Blacksmith Shop | 500 | 2 | ~~2~~ | | | 8 | 6 | 2 | 60 | 100 | 12 | | | | | 150 | 700 | | | | Muscle | | | | | | |
| 2 | Wood Arnold | Blacksmith and [illegible] Shop | 500 | 3 | ~~3~~ | | | 8 | 8 | 2 | 50 | 100 | 12 | | | | | 200 | 1000 ~~600~~ | | | | - | | | | | | |
| 3 | Howell D R agt | Wheelwright Carriage Shop | 1000 | 3 | ~~2~~ | | × | 10 | 8 | 2 | 1.25 | 350 | 12 | | | | | 300 | [illegible] ~~800~~ | | | | | | | | | | |
| 4 | Brannan | [illegible] Carriage Shop | 300 | 4 | 3 | | | 12 | 12 | 1.50 | 40 | 1000 | 12 | | | | | 600 | 2400 | | | | | | | | | | |

REMARKS.—The term "Productive Industry" must be understood, in its largest significance, to include not only all factories and large works, but also the mechanical trades, as blacksmithing, coopering, carpentering, &c. The smallest shop should not be omitted, provided the production reaches $500 annually, including the cost of materials. Enumerators will take pains to reach all of the productive establishments, large and small, within their several districts.

COLUMN 2.—The kind of business or the character of product should be described as specifically as possible, thus: Sewing-Machines, Corsets, Furniture, Foundry, Machine Shop, Coopering, Blacksmithing, &c.

COLUMN 11.—In many establishments (as carpenter shops, blacksmith shops, &c.) it will be found that no ordinary laborers are employed. In this case column 11 will not be filled.

COLUMNS 13 to 17.—All the 12 months of the year should be accounted for in one or more of the columns 13 to 17, 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 2 months idle. Great care and judgment should be exercised in making the returns relative thereto,—especially in the case of small shops where book-accounts are not kept.

COLUMNS 18 and 19.—These inquiries are of prime importance. The general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.

[18.]—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.

[19.]—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.

COLUMN 20.—If the stream is a very small one, mention also the larger stream or river into which it flows.

COLUMNS 27 and 28.—Only serviceable boilers and engines are to be reported.

COLUMNS 26 and 29.—This is an inquiry of great importance. The best information available should be used in filling these columns.

2d Johnson