

Supervisor's Dist. No. 7 } Special Schedules of Manufactures—Nos. 5 and 6.  
Enumeration Dist. No. 16 }

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

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

J. A. Schierkolk

LUMBER MILLS AND SAW-MILLS.

Table with 26 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; SAWS; MATERIALS; PROPER SAW-MILL PRODUCTS.

LUMBER MILLS AND SAW-MILLS—Continued.

Table with 48 columns: PROPER SAW-MILL PRODUCTS—Continued; REMANUFACTURES; POWER USED IN MANUFACTURE (Water and Steam).

BRICK YARDS AND TILE WORKS.

Table with 18 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; MATERIALS.

BRICK YARDS AND TILE WORKS—Continued.

Table with 35 columns: PRODUCTS; 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. 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.

Received July 30, 1880.

Supervisor's Dist. No. 7 } Special Schedules of Manufactures—Nos. 5 and 6.  
Enumeration Dist. No. 15 }

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

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

S. S. Hughes  
S. S. Hughes Enum

LUMBER MILLS AND SAW-MILLS.

Table with 26 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY.; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS.; AVERAGE NUMBER OF HANDS EMPLOYED.; WAGES AND HOURS OF LABOR.; MONTHS IN OPERATION.; SAWS.; MATERIALS.; PROPER SAW-MILL PRODUCTS. Entry for Corbet James.

LUMBER MILLS AND SAW-MILLS—Continued.

Table with 48 columns: PROPER SAW-MILL PRODUCTS—Continued.; REMANUFACTURES.; POWER USED IN MANUFACTURE. Entry for Mo. Riv. Val.

BRICK YARDS AND TILE WORKS.

Table with 18 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY.; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS.; AVERAGE NUMBER OF HANDS EMPLOYED.; WAGES AND HOURS OF LABOR.; MONTHS IN OPERATION.; MATERIALS.

BRICK YARDS AND TILE WORKS—Continued.

Table with 35 columns: PRODUCTS.; 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.

Received July 30, 1880.

Supervisor's Dist. No. 7  
Enumeration Dist. No. 14

Special Schedules of Manufactures—Nos. 5 and 6.

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

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

Robert Graves

LUMBER MILLS AND SAW-MILLS.

Table with 26 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; SAWS; MATERIALS; PROPER SAW-MILL PRODUCTS. Row 1: Samuel Wainwright, 1500, 3, 3, 10, 10, 140, 100, 500, 6, 6, 2, 2950, 50, 3000, 30000.

LUMBER MILLS AND SAW-MILLS—Continued.

Table with 48 columns: PROPER SAW-MILL PRODUCTS—Continued; REMANUFACTURES; POWER USED IN MANUFACTURE. Row 1: 4500, Atchison Co. Mo, No, Hartis, 7, 1, Turbine, 3 1/2, 60, 18.

BRICK YARDS AND TILE WORKS.

Table with 18 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; MATERIALS.

BRICK YARDS AND TILE WORKS—Continued.

Table with 35 columns: PRODUCTS; POWER USED IN MANUFACTURE. Columns include: Number of thousand common brick, Value of tile, Value of chain-pipe, Value of all other products, On what river or stream?, Height of fall, 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.

Supervisor's Dist. No. 7 }  
Enumeration Dist. No. 13 }

Special Schedules of Manufactures—Nos. 5 and 6.

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

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

Robert Steel

LUMBER MILLS AND SAW-MILLS.

Table with 26 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; SAWS; MATERIALS; PROPER SAW-MILL PRODUCTS. Includes handwritten entry for 'Pratt, F. P.' with values like \$500, 6, 10, 17, 3, 9, 1, \$2000, \$200, \$200, 750.

LUMBER MILLS AND SAW-MILLS—Continued.

Table with 18 columns: PROPER SAW-MILL PRODUCTS—Continued; REMANUFACTURES; POWER USED IN MANUFACTURE. Includes handwritten entry for 'Irish Grove' with values like 3000, 1, 1, 18.

BRICK YARDS AND TILE WORKS.

Table with 18 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; MATERIALS.

BRICK YARDS AND TILE WORKS—Continued.

Table with 18 columns: PRODUCTS; POWER USED IN MANUFACTURE. Includes columns for Number of thousand common brick, Value of tile, Value of drain-pipe, etc.

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.

Received July 30 1880

Supervisor's Dist. No. 7 } Special Schedules of Manufactures—Nos. 5 and 6.  
Enumeration Dist. No. 9 }

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

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

W. N. Van Pelt  
C. W. Anderson

LUMBER MILLS AND SAW-MILLS.

Table with columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; SAWS; MATERIALS; PROPER SAW-MILL PRODUCTS.

LUMBER MILLS AND SAW-MILLS—Continued.

Table with columns: PROPER SAW-MILL PRODUCTS—Continued; REMANUFACTURES; POWER USED IN MANUFACTURE.

BRICK YARDS AND TILE WORKS.

Table with columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; MATERIALS.

BRICK YARDS AND TILE WORKS—Continued.

Table with columns: PRODUCTS; 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.

Supervisor's Dist. No. 7  
Enumeration Dist. No. 8

Special Schedules of Manufactures—Nos. 5 and 6.

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

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

Jno C. Schuler

LUMBER MILLS AND SAW-MILLS.

Table with columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; SAWS; MATERIALS; PROPER SAW-MILL PRODUCTS. Includes entry for Park & Kyle.

LUMBER MILLS AND SAW-MILLS—Continued.

Table with columns: PROPER SAW-MILL PRODUCTS—Continued; REMANUFACTURES; POWER USED IN MANUFACTURE. Includes entry for 2000.

BRICK YARDS AND TILE WORKS.

Table with columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; MATERIALS.

BRICK YARDS AND TILE WORKS—Continued.

Table with columns: PRODUCTS; POWER USED IN MANUFACTURE. Includes columns for Number of thousand common brick, Number of thousand pressed brick, Value of tile, Value of drain-pipe, Value of all other products, Total value of all products, On what river or stream?, Height of fall, in feet, Number, Kind, Breadth, in feet, 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. 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.

Received July 30, 1880.

Supervisor's Dist. No. 7 } Special Schedules of Manufactures—Nos. 5 and 6.  
Enumeration Dist. No. 2 }

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

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

*J. A. Newell*

#### 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. |                         |                     | WAGES AND HOURS OF LABOR.                     |                                             |                                              |                                             |               | MONTHS IN OPERATION.        |                    |       |                   | SAWS.                   |                          |                       |                      | MATERIALS.     |                         |                                                         | PROPER SAW-MILL PRODUCTS.          |                           |                              |    |
|---------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------|-------------------------|---------------------|-----------------------------------------------|---------------------------------------------|----------------------------------------------|---------------------------------------------|---------------|-----------------------------|--------------------|-------|-------------------|-------------------------|--------------------------|-----------------------|----------------------|----------------|-------------------------|---------------------------------------------------------|------------------------------------|---------------------------|------------------------------|----|
|                                                                                       |                                                       |                                                                    | Males above 16 years.             | Females above 15 years. | Children and youth. | Number of hours 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 gauges. | Number of saws in gang. | Number of circular saws. | Number of rimmy saws. | Number of hand-saws. | Value of logs. | Value of mill supplies. | Total value of all materials (including value of logs). | 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 |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                   |                         |                          |                       |                      |                |                         |                                                         |                                    |                           |                              |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                   |                         |                          |                       |                      |                |                         |                                                         |                                    |                           |                              |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                   |                         |                          |                       |                      |                |                         |                                                         |                                    |                           |                              |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                   |                         |                          |                       |                      |                |                         |                                                         |                                    |                           |                              |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                   |                         |                          |                       |                      |                |                         |                                                         |                                    |                           |                              |    |

#### LUMBER MILLS AND SAW-MILLS—Continued.

| PROPER SAW-MILL PRODUCTS—Continued. |                                      |                                                  |                                               |                                    | REMANUFACTURES.                                                                  |                                                 |                                                      | 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.                 |                          |         |       |                         |                         |              |                    |                    |              |  |
|-------------------------------------|--------------------------------------|--------------------------------------------------|-----------------------------------------------|------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------|--------------------------------------------|------------------------------------------|------------------------------------------------------|------------------------------------------------------------|--------------------------------------------|--------------------------|---------|-------|-------------------------|-------------------------|--------------|--------------------|--------------------|--------------|--|
| Number of thousand staves.          | Number of thousand sets of headings. | Number of thousand feet of laths and spool hook. | Total value of all products herebefore named. | Total value of all other products. | Do you remanufacture any shingles, laths, frames, clap-boards, &c. [Year or No.] | If so, give total value of such remanufactures. | Give average number of hands in such remanufactures. |                                            |                                          |                                                      |                                                            | IF WATER IS USED.                          | WHEREAS.                 |         |       | IF STEAM-POWER IS USED. |                         |              |                    |                    |              |  |
| 27                                  | 28                                   | 29                                               | 30                                            | 31                                 | 32                                                                               | 33                                              | 34                                                   | 35                                         | 36                                       | 37                                                   | 38                                                         | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | Kind. | Depth, in feet.         | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. |  |
|                                     |                                      |                                                  |                                               |                                    |                                                                                  |                                                 |                                                      |                                            |                                          |                                                      |                                                            |                                            |                          |         |       |                         |                         |              |                    |                    |              |  |
|                                     |                                      |                                                  |                                               |                                    |                                                                                  |                                                 |                                                      |                                            |                                          |                                                      |                                                            |                                            |                          |         |       |                         |                         |              |                    |                    |              |  |
|                                     |                                      |                                                  |                                               |                                    |                                                                                  |                                                 |                                                      |                                            |                                          |                                                      |                                                            |                                            |                          |         |       |                         |                         |              |                    |                    |              |  |
|                                     |                                      |                                                  |                                               |                                    |                                                                                  |                                                 |                                                      |                                            |                                          |                                                      |                                                            |                                            |                          |         |       |                         |                         |              |                    |                    |              |  |
|                                     |                                      |                                                  |                                               |                                    |                                                                                  |                                                 |                                                      |                                            |                                          |                                                      |                                                            |                                            |                          |         |       |                         |                         |              |                    |                    |              |  |

#### 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. |                         |                     | WAGES AND HOURS OF LABOR.                     |                                             |                                              |                                             |               | MONTHS IN OPERATION.        |                    |       |                       | MATERIALS.                   |                               |    |
|---------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------|-------------------------|---------------------|-----------------------------------------------|---------------------------------------------|----------------------------------------------|---------------------------------------------|---------------|-----------------------------|--------------------|-------|-----------------------|------------------------------|-------------------------------|----|
|                                                                                       |                                                       |                                                                    | Males above 16 years.             | Females above 15 years. | Children and youth. | Number of hours 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 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 <u>Bridges Normal</u>                                                               | 500                                                   | 4                                                                  | 3                                 | 1                       | 10                  | 10                                            | 1.00                                        | —                                            | 15.00                                       | 6             | 6                           | 120                | 75    | 925                   | 300                          |                               |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                       |                              |                               |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                       |                              |                               |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                       |                              |                               |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                       |                              |                               |    |
|                                                                                       |                                                       |                                                                    |                                   |                         |                     |                                               |                                             |                                              |                                             |               |                             |                    |       |                       |                              |                               |    |

#### BRICK YARDS AND TILE WORKS—Continued.

| PRODUCTS.                        |                                |                                   |                |                       |                              | POWER USED IN MANUFACTURE.                 |                          |         |       |                 |                         |              |                    |                    |              |    |
|----------------------------------|--------------------------------|-----------------------------------|----------------|-----------------------|------------------------------|--------------------------------------------|--------------------------|---------|-------|-----------------|-------------------------|--------------|--------------------|--------------------|--------------|----|
| Number of thousand common brick. | Number of thousand fire-brick. | Number of thousand pressed brick. | Value of tile. | Value of drain-pipes. | Total value of all products. | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | Kind. | Depth, in feet. | Revolutions per minute. | Horse-power. | 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 |
| 600                              |                                |                                   |                |                       | 3000                         |                                            |                          |         |       |                 |                         |              |                    |                    |              |    |
|                                  |                                |                                   |                |                       |                              |                                            |                          |         |       |                 |                         |              |                    |                    |              |    |
|                                  |                                |                                   |                |                       |                              |                                            |                          |         |       |                 |                         |              |                    |                    |              |    |
|                                  |                                |                                   |                |                       |                              |                                            |                          |         |       |                 |                         |              |                    |                    |              |    |
|                                  |                                |                                   |                |                       |                              |                                            |                          |         |       |                 |                         |              |                    |                    |              |    |

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.

Supervisor's Dist. No. 7  
Enumeration Dist. No. 4

Special Schedules of Manufactures—Nos. 5 and 6.

Received July 30 1880

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

Products of Industry in Western Division, Elk Sp., in the County of Albion, State of Missouri during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

*J. W. Young*  
Enumerator

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. |                         |                     | WAGES AND HOURS OF LABOR.                     |                  |                  |                                             |                                              | MONTHS IN OPERATION.                        |               |                             |                    | SAWS. |                  |                         |                          |                        | MATERIALS.           |                |                         | PROPER SAW-MILL PRODUCTS.                               |                                    |                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------|-------------------------|---------------------|-----------------------------------------------|------------------|------------------|---------------------------------------------|----------------------------------------------|---------------------------------------------|---------------|-----------------------------|--------------------|-------|------------------|-------------------------|--------------------------|------------------------|----------------------|----------------|-------------------------|---------------------------------------------------------|------------------------------------|------------------------------|
|                                                                                       |                                                       |                                                                    | Males above 15 years.             | Females above 15 years. | Children and youth. | 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. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of gangs. | Number of saws in gang. | Number of circular saws. | Number of monkey saws. | Number of hand-saws. | Value of logs. | Value of mill supplies. | Total value of all materials (including value of logs). | Number of thousand feet of lumber. | Number of thousand shingles. |
| 1 Roberts Char                                                                        | 2 700.00                                              | 3 6                                                                | 4 3                               | 5 3                     | 6 10                | 7 8                                           | 8 150            | 9 25             | 10 800.00                                   | 11 600.00                                    | 12 6                                        | 13 6          | 14 7                        | 15 2               | 16 1  | 17 1             | 18 1                    | 19 1                     | 20 1                   | 21 1150.00           | 22 50.00       | 23 1700.00              | 24 157.00                                               | 25 157.00                          | 26 157.00                    |
| 2 Chaundy & Keimburg                                                                  | 1000.00                                               | 6                                                                  | 6                                 | 6                       | 8                   | 10                                            | 200              | 100              | 1000.00                                     | 600.00                                       | 8                                           | 4             | 7                           | 1                  | 1     | 1                | 1                       | 1                        | 1                      | 2300.00              | 700.00         | 3000.00                 | 300.00                                                  | 300.00                             | 300.00                       |

LUMBER MILLS AND SAW-MILLS—Continued.

| PROPER SAW-MILL PRODUCTS—Continued. |                                      |                                                  |                                           |                                    | REMANUFACTURES.                                                           |                                                 |                                                              | POWER USED IN MANUFACTURE.                 |                                         |                                                      |                                                           |                                            |         |       |                  |                         |                         |                    |                    |              |    |
|-------------------------------------|--------------------------------------|--------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------|--------------------------------------------|-----------------------------------------|------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------|---------|-------|------------------|-------------------------|-------------------------|--------------------|--------------------|--------------|----|
| Number of thousand shaves.          | Number of thousand feet of headings. | Number of thousand feet of bolt and spool stock. | Total value of all products manufactured. | Total value of all other products. | Do you remanufacture any saws, doors, frames, clapboards, & ? (Yes or No) | If so, give total value of such remanufactures. | Give average number of hands employed in each 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] | ON WHAT RIVER OR STREAM? (See note below.) |         |       |                  |                         |                         |                    |                    |              |    |
|                                     |                                      |                                                  |                                           |                                    |                                                                           |                                                 |                                                              |                                            |                                         |                                                      |                                                           | IF WATER IS USED.                          |         |       |                  |                         | IF STEAM-POWER IS USED. |                    |                    |              |    |
|                                     |                                      |                                                  |                                           |                                    |                                                                           |                                                 |                                                              |                                            |                                         |                                                      |                                                           | WHEELS.                                    |         |       |                  |                         |                         |                    |                    |              |    |
|                                     |                                      |                                                  |                                           |                                    |                                                                           |                                                 |                                                              |                                            |                                         |                                                      |                                                           | Height of fall, in feet.                   | Number. | Kind. | Length, in feet. | Revolutions per minute. | Horse-power.            | 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 |
|                                     |                                      |                                                  | 2250.00                                   |                                    |                                                                           |                                                 |                                                              | Neighborhood of Mill                       | Yes                                     | 1/2                                                  | No                                                        |                                            |         |       |                  |                         |                         |                    | 1                  | 1            | 25 |
|                                     |                                      |                                                  | 4500.00                                   |                                    |                                                                           |                                                 |                                                              | Neighborhood of Mill                       | No                                      |                                                      | No                                                        |                                            |         |       |                  |                         |                         |                    | 1                  | 1            | 28 |

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. |                         |                     | WAGES AND HOURS OF LABOR.                     |                  |                  |                                             |                                              | MONTHS IN OPERATION.                        |               |                             |                    | MATERIALS. |                       |                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------|-------------------------|---------------------|-----------------------------------------------|------------------|------------------|---------------------------------------------|----------------------------------------------|---------------------------------------------|---------------|-----------------------------|--------------------|------------|-----------------------|------------------------------|
|                                                                                       |                                                       |                                                                    | Males above 15 years.             | Females above 15 years. | Children and youth. | 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. | On full time. | On three-quarter time only. | On half time only. | Idle.      | Number of cords wood. | Value of all other material. |
| 1 Chastine Stouck                                                                     | 2 100.00                                              | 3 9                                                                | 4 3                               | 5 3                     | 6 10                | 7 10                                          | 8 200            | 9 75             | 10 200.00                                   | 11 200.00                                    | 12 6                                        | 13 6          | 14 75                       | 15 50              | 16 200     | 17 200                | 18 200                       |

BRICK YARDS AND TILE WORKS—Continued.

| PRODUCTS.                         |                                 |                                    |                |                      |                              | POWER USED IN MANUFACTURE.                 |            |       |                   |                         |                         |                    |                    |              |    |    |
|-----------------------------------|---------------------------------|------------------------------------|----------------|----------------------|------------------------------|--------------------------------------------|------------|-------|-------------------|-------------------------|-------------------------|--------------------|--------------------|--------------|----|----|
| Number of thousand common bricks. | Number of thousand fire-bricks. | Number of thousand pressed bricks. | Value of tile. | Value of drain-pipe. | Value of all other products. | ON WHAT RIVER OR STREAM? (See note below.) |            |       |                   |                         |                         |                    |                    |              |    |    |
|                                   |                                 |                                    |                |                      |                              | IF WATER-POWER IS USED.                    |            |       |                   |                         | IF STEAM-POWER IS USED. |                    |                    |              |    |    |
|                                   |                                 |                                    |                |                      |                              | WHEELS.                                    |            |       |                   |                         |                         |                    |                    |              |    |    |
|                                   |                                 |                                    |                |                      |                              | Height of fall, in feet.                   | Number.    | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power.            | 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 |
| 150.00                            |                                 |                                    |                |                      |                              | 700.00                                     | High Creek |       |                   |                         |                         |                    |                    |              |    |    |
|                                   |                                 |                                    |                |                      |                              |                                            | Flows into |       |                   |                         |                         |                    |                    |              |    |    |
|                                   |                                 |                                    |                |                      |                              |                                            | Kiskadee   |       |                   |                         |                         |                    |                    |              |    |    |

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 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.

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