

## Notes from U.S. Census Nonpopulation Schedules

Extracted and Transcribed for the Friends of the Cowell Lime Works Historic District  
University of California, Santa Cruz  
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In addition the familiar decennial head count, the Census Bureau has also collected statistics on other subjects such as agricultural production and manufacturing. These "nonpopulation" census records for 1860, 1870, and 1880 provide important statistics for several Santa Cruz County lime companies (and one cement company) and are presented here for the benefit of researchers. Comments are in brackets. The original schedules are available at Ancestry.com and were transcribed by students and volunteers from copies provided by Lisa Roberts and Robert W. Piwarzyk. For more on the history of the lime companies and the location of their operations, see the book, *Lime Kiln Legacies: The History of the Lime Industry in Santa Cruz County*.

### 1860

Schedule 5. Products of Industry in Santa Cruz Township in the County of Santa Cruz, State of California, during the Year ending June 1, 1860.

Page 3.

Name: **Davis & Jordan**

Name of Business, Manufacture, or Product: Lime

Capital Invested, in real and personal estate, in the Business: \$15,000

Raw materials used, excluding fuel:

<u>Quantity</u>	<u>kinds</u>	<u>value</u>
60,000 tons	stone	from quarry
400 cords	wood	\$600

Kind of Motive Power, Machinery, Structure, or Resource: 4 fires

Average Number of Hands Employed

Male: 35

Female: [blank]

Wages: Average monthly cost of paid labor: \$1,500

Annual Product

Quantity: 28,000 barrels

Kind: Lime

Value: \$56,000

Name: **Adams & Hull**

Name of Business, Manufacture, or Product: Lime

Capital Invested, in real and personal estate, in the Business: \$5,000

Raw materials used, excluding fuel:

<u>Quantity</u>	<u>kinds</u>	<u>value</u>
18,000 tons	stone	from quarry
100 cords	wood	\$200

Kind of Motive Power, Machinery, Structure, or Resource: 2 fires

Average number of hands employed

Male: 22

Female: [blank]

Wages: Average monthly cost of paid labor: \$1,200

Annual Product

Quantity: 13,000 barrels

Kind: Lime

Value: \$32,000

*[Note: The cords of wood, since not for fuel, may have been for barrels. The number of "fires" is probably the number of kilns.]*

## 1860

Schedule 4. Productions of Agriculture in Santa Cruz Township in the County of Santa Cruz, State of California enumerated by me, on the Eighteenth day of July 1860.

[signed] John T. Boyle, Ass't Marshal.

Pages 13-14.

[Notation above group that includes Albion Jordan says "July 23d."]

Name of Owner, Agent, or Manager of the Farm: **Albion Jordan**

Acres of Land

Improved: 500

Unimproved: 5,000

Cash Value of Farm: \$20,000

Live Stock

Horses: 4

Milch Cows: 3 [milch: denoting a cow kept for milk]

Working Oxen: 46 [could be 41]

Other Cattle: 120

Value of Live Stock: \$4,700

Produce during the year ending June 1, 1860

Hay, Tons of: 100

## 1870

Schedule 4. Products of Industry in Santa Cruz Township, in the County of Santa Cruz, State of California, during the year ending June 1, 1870, as enumerated by me.

[signed] Albert T. Hawley, Ass't Marshal.

Name of Corporation, Company or Individual producing to value of \$500, annually:

**Thomas Bull**

Name of Business, Manufacture, or Product: Lime

Capital (real and personal) invested in the business: \$5,000

Motive Power

Kind of Power (steam water, wind, horse, or hand): hand

Machines

Number of: 12

Total amount paid in wages during the year: \$3,600

Number of months in active operation, reducing part time to full time: 8

Materials (Including Mill supplies and Fuel):

<u>Kinds</u>	<u>Quantity</u>	<u>Value (omitting fractions of a dollar)</u>
Cordwood	600 cords	\$900 [?]

Lime Rock	7,000 Bbls.	\$750
Barrels	7,000	\$245
All other		\$50

Production (Including all Jobbing and Repairing)  
 Kinds: Lime  
 Quantities: 7,000 Bbls.  
 Value (omitting fractions of a dollar): \$14,000

*[Note: "Bbls." is an abbreviation for Barrels.]*

Name of Corporation, Company or Individual producing to value of \$500, annually:

**B. F. Lee & Co.**

Name of Business, Manufacture, or Product: Lime  
 Capital (real and personal) invested in the business: \$25,000  
 Motive Power

Kind of Power (steam water, wind, horse, or hand): hand  
 Average Number of Hands Employed, Males above 16 years: 12  
 Total amount paid in wages during the year: \$4,800  
 Number of months in active operation, reducing part time to full time: 10  
 Materials (Including Mill supplies and Fuel):

<u>Kinds</u>	<u>Quantity</u>	<u>Value (omitting fractions of dollar)</u>
Cordwood	1,000 cords	\$1,750
Lime Rock	10,000 Bbls.	\$7,000
Barrels	10,000	\$5,000
All other		\$100

Production (Including all Jobbing and Repairing)  
 Kinds: Lime  
 Quantities: 10,000 Bbls.  
 Value (omitting fractions of a dollar): \$25,000

*[Note by Frank Perry: Because lime rock shrinks when it is converted to lime, considerably more than 10,000 barrels of rock would be needed to make 10,000 barrels of lime. The quantity of rock is probably a very crude estimate. To my knowledge, the lime rock was never put in barrels.]*

Name of Corporation, Company or Individual producing to value of \$500, annually:

**Davis & Cowell**

Name of Business, Manufacture, or Product: Lime  
 Capital (real and personal) invested in the business: \$100,000  
 Motive Power

Kind of Power (steam water, wind, horse, or hand): hand  
 Average Number of Hands Employed, Males above 16 years: 70  
 Total amount paid in wages during the year: \$36,000  
 Number of months in active operation, reducing part time to full time: 12  
 Materials (Including Mill supplies and Fuel):

<u>Kinds</u>	<u>Quantity</u>	<u>Value (omitting fractions of dollar)</u>
Cordwood	10,000 cds	\$25,000
Lime rock	70,000 [illegible]	\$7,500
Barrels	30,000	\$15,000
All other		\$400

Production (Including all Jobbing and Repairing)

Kinds: Lime

Quantities: 70,000 Bbls.

Value (omitting fractions of a dollar): \$70,000

*[Note by Frank Perry: There is a discrepancy among the three companies as to the value of a barrel of lime: \$2, \$2.50, and \$1.]*

## 1880

Schedule 3. Manufactures. Products of Industry in Santa Cruz, in the County of Santa Cruz, State of California, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me. [signed] W. M. Ord, Enumerator.

Page No. 1

Supervisor's Dist. No. 4

Enumeration Dist. No. 88

Received Sept. 1, 1880.

Name of Company: **Davis and Cowell**

Name of Business, Manufacture, or Product: Lime Manufacture

Capital (real and personal) invested in the business: \$60,000

Greatest number of hands employed at any one time during the year: 60

Average number of hands employed

Males above 16 years: 40

Females above 15 years: [blank]

Children and youth: [blank]

Wages and Hours of Labor

Number of hours in the ordinary day of labor

May to November: 11

November to May: 11

Average day's wages for a skilled mechanic: \$1.50

Average day's wages for an ordinary laborer: \$1.00

Total amount paid in wages during the year: \$14,600

Months in Operation

On full time: 12

On 3/4 time: [blank]

On 2/3 time: [blank]

On 1/2 time: [blank]

Idle: [blank]

Value of Material: \$40,000

Value of Product: \$80,000

If steam power is used

Number of Boilers: 2

Number of Engines: 1

Horse power: 30

*[Notes by Frank Perry: Skilled workers were probably men such as coopers. Steam power may have been to operate a mill to make barrel staves and heads. A steam-powered barrel mill was located near the stone house but disappeared prior to the 1960s.]*

## 1880

Schedule 2. Productions of Agriculture n Santa Cruz in the County of Santa Cruz, State of California, enumerated by me on the 21st Day of June, 1880. W. M. Ord, enumerator.

Page No. 2

Supervisor's Dist. No. 4

Enumeration Dist. No. 88

The Name: **Davis & Cowell**

Owner: [checked]

Acres of Land

Improved

Tilled, including fallow and grass in rotation (whether pasture or meadow): 300

Permanent meadows, permanent pastures, orchards, vineyards: 200

Unimproved

Woodland and Forest: 1,000

Other unimproved including "old fields" not growing wood: 200

Farm Values

Of farm, including land, fencing, and buildings: \$33,000

Of farming implements and machinery: \$300

Of Live Stock: \$920

Fences

Cost of building and repairing in 1879: \$500

Cost of fertilizers purchased in 1879: [blank]

Labor

Amount paid for wages for farm labor during 1879, including value of board:

[blank]

Weeks hired labor in 1879 upon farm (and dairy) excluding house work: [blank]

Estimated value of all farm productions (sold, consumed, or on hand) for 1879: \$4,050

Grass Lands

Acreage [in] 1879

Mown. 200

Not Mown. [blank]

Products harvested in 1879

Hay. 300 [could also be 100]

Clover Seed. [blank]

Grass Seed. [blank]

Horses of all ages on hand June 1, 1879: 10

Mules and Asses all ages on hand June 1, 1879: [blank]

*[Note: There may be more to this form, unclear from copy.]*

## 1880

Schedule 3. Manufactures. Products of Industry in San Lorenzo District, in the County of Santa Cruz, State of California, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me. [signed] [illegible] Wanzer, Enumerator.

Page No. [blank]

Supervisor's Dist. No. 4

Enumeration Dist. No. 89

Received Sept. 1, 1880.

Name of Company: **Bennett Kilns**

Name of Business, Manufacture, or Product: Lime

Capital (real and personal) invested in the business: \$49,000

Greatest number of hands employed at any one time during the year: 24

Average number of hands employed

Males above 16 years: 22

Females above 15 years: [blank]

Children and youth: [blank]

Wages and Hours of Labor

Number of hours in the ordinary day of labor

May to November: 11

November to May: 11

Average day's wages for a skilled mechanic: [blank]

Average day's wages for an ordinary laborer: \$1.75

Total amount paid in wages during the year: \$10,000

Months in Operation

On full time: 12

On 3/4 time: [blank]

On 2/3 time: [blank]

On 1/2 time: [blank]

Idle: [blank]

Value of Material: \$7,000

Value of Product: \$25,000

Power used in Manufacture: [blank]

Name of Company: **IXL Lime Works**

Name of Business, Manufacture, or Product: Lime

Capital (real and personal) invested in the business: \$100,000

Greatest number of hands employed at any one time during the year: 20

Average number of hands employed

Males above 16 years: 15

Females above 15 years: [blank]

Children and youth: [blank]

Wages and Hours of Labor

Number of hours in the ordinary day of labor

May to November: 11

November to May: 11

Average day's wages for a skilled mechanic: [blank]

Average day's wages for an ordinary laborer: \$1.75

Total amount paid in wages during the year: \$9,000

Months in Operation

On full time: 12

On 3/4 time: [blank]

On 2/3 time: [blank]

On 1/2 time: [blank]

Idle: [blank]

Value of Material: \$7,000

Value of Product: \$30,000

Power used in Manufacture: [blank]

Name of Company: **Cala. Portland Cement Co.**

Name of Business, Manufacture, or Product: Cement

Capital (real and personal) invested in the business: \$300,000

Greatest number of hands employed at any one time during the year: 26

Average number of hands employed

Males above 16 years: 16

Females above 15 years: [blank]

Children and youth: [blank]

Wages and Hours of Labor

Number of hours in the ordinary day of labor

May to November: 10

November to May: 10

Average day's wages for a skilled mechanic: \$2.50

Average day's wages for an ordinary laborer: \$1.75

Total amount paid in wages during the year: \$10,000

Months in Operation

On full time: 12

On 3/4 time: [blank]

On 2/3 time: [blank]

On 1/2 time: [blank]

Idle: [blank]

Value of Material: [blank]

Value of Product: [blank]

[note under] Power used in Manufacture:

(Was in course of construction during [illegible])