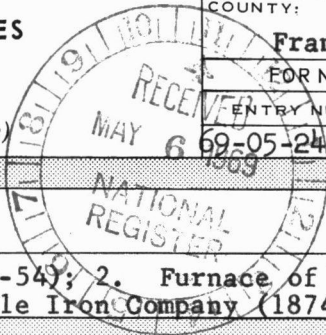


STATE: <b>Missouri</b>	
COUNTY: <b>Franklin</b>	
FOR NPS USE ONLY	
ENTRY NUMBER <b>69-05-24-0013</b>	DATE <b>5/21/69</b>

**NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY - NOMINATION FORM**

(Type all entries - complete applicable sections)



**1. NAME**

COMMON: **Moselle Iron Furnace Stack**

AND/OR HISTORIC: **1. Moselle Iron Furnace (1850-54); 2. Furnace of the Franklin Iron Mining Co. (1855-59); 3. Moselle Iron Company (1874-75)**

**2. LOCATION**

STREET AND NUMBER: **SE 1/4, Section 14, Township 42N, Range 1E**

CITY OR TOWN: **One mile southeast of Moselle**

STATE: **Missouri** CODE: **63067** COUNTY: **Franklin** CODE: **071**

**3. CLASSIFICATION**

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
District <input type="checkbox"/> Building <input type="checkbox"/>	Public <input type="checkbox"/>	Occupied <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/>
Site <input type="checkbox"/> Structure <input checked="" type="checkbox"/>	Private <input checked="" type="checkbox"/>	In Process <input type="checkbox"/>	Restricted <input checked="" type="checkbox"/>
Object <input type="checkbox"/>	Both <input type="checkbox"/>	Being Considered <input type="checkbox"/>	Unrestricted <input type="checkbox"/>
PRESENT USE (Check One or More as Appropriate)			
Agricultural <input type="checkbox"/>	Government <input type="checkbox"/>	Park <input checked="" type="checkbox"/>	Transportation <input type="checkbox"/>
Commercial <input type="checkbox"/>	Industrial <input type="checkbox"/>	Private Residence <input type="checkbox"/>	Other (Specify) <input type="checkbox"/>
Educational <input type="checkbox"/>	Military <input type="checkbox"/>	Religious <input type="checkbox"/>	Comments <input checked="" type="checkbox"/>
Entertainment <input type="checkbox"/>	Museum <input type="checkbox"/>	Scientific <input type="checkbox"/>	<b>privately owned park</b>

**4. OWNER OF PROPERTY**

OWNERS NAME: **Mr. and Mrs. Norman Ulrich**

STREET AND NUMBER: **Route # 1**

CITY OR TOWN: **St. Clair** STATE: **Missouri** CODE: **63077**

**5. LOCATION OF LEGAL DESCRIPTION**

COURTHOUSE, REGISTRY OF DEEDS, ETC.: **Recorder of Deeds, County Courthouse**

STREET AND NUMBER:

CITY OR TOWN: **Union** STATE: **Missouri** CODE: **63084**

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: **less than one**

**6. REPRESENTATION IN EXISTING SURVEYS**

TITLE OF SURVEY: **Missouri Historic Sites Catalogue**

DATE OF SURVEY: **1963** Federal  State  County  Local

DEPOSITORY FOR SURVEY RECORDS: **State Historical Society of Missouri**

STREET AND NUMBER: **Corner, Hitt and Lowry streets**

CITY OR TOWN: **Columbia,** STATE: **Missouri** CODE: **65201**

SEE INSTRUCTIONS

STATE: Missouri  
COUNTY: Franklin  
ENTRY NUMBER: 69-05-24-0013  
DATE: 5/21/69  
FOR NPS USE ONLY

## 7. DESCRIPTION

CONDITION	(Check One)					
	Excellent <input type="checkbox"/>	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Deteriorated <input type="checkbox"/>	Ruins <input type="checkbox"/>	Unexposed <input type="checkbox"/>
INTEGRITY	(Check One)			(Check One)		
	Altered <input checked="" type="checkbox"/>	Unaltered <input type="checkbox"/>	Moved <input type="checkbox"/>	Original Site <input checked="" type="checkbox"/>		

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

Originally, the Moselle Iron Furnace was a cold-blast iron smelter, operated by a steam engine. This early 19th century iron works probably consisted of a charcoal house, a casting house and an engine house.

In 1867-1874, the furnace was converted from cold blast to hot-blast. The stack was raised to 34 feet, a brick and iron hot-blast oven was erected and the machinery was remolded. (Goodspeed's, History of Franklin...County, 1888, p. 210). Three boilers were added for the production of the hot-blast, each was three feet in diameter and 40 feet long (Mines, Metals, and Arts, October 8, 1874, p.243). The Moselle Iron Company owned 9,000 acres of timber land surrounding the iron works. The company also owned twenty-six log and frame houses which were occupied by the 350 employees of the works. (Mines, Metals, and Arts, October 8, 1874, p. 243).

The Furnace stack, constructed of cut stone blocks, is the only remaining evidence of the iron works. The stack is 31 feet high, with iron brace supports in the openings at the base. There are three openings, one on the east, west, and north sides. The openings on the east and west sides are for the introduction of the hot-blast, while the north side opening allows for the molten iron run-off. The furnace stack, which faces north, is built with its back to a bluff of the same height. There is evidence of railroad spur tracks on the top of the bluff. These tracks were used to transport the raw materials necessary for the iron process to the top of the furnace.

Iron ore for the furnace operation was hauled to the site from Iron Hill Bank, located in Section 17, Township 42N, Range 1E, about four miles west of the furnace. Some ore was mined from ore banks in the vicinity of the furnace.

Presently the furnace stack is within the Hillcrest Park, a privately owned picnic area, surrounded by camp houses.

SEE INSTRUCTIONS

**NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY - NOMINATION FORM**

(Continuation Sheet)

STATE	
Missouri	
COUNTY	
Franklin	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
69-05-24-0013	5/21/69

(Number all entries)

6.

MOSELLE IRON FURNACE STACK

Missouri State Historical Survey (state)

1968

Missouri State Park Board

P.O. Box 176

1204 Jefferson Building

Jefferson City, Missouri

Code: 24



**8. SIGNIFICANCE**

PERIOD (Check One or More as Appropriate)

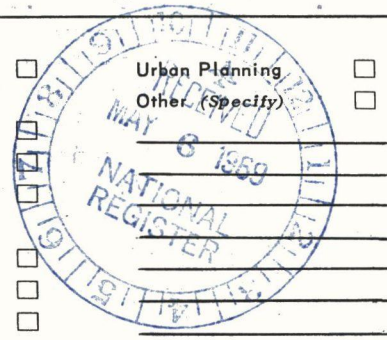
- Pre-Columbian       16th Century       18th Century       20th Century   
 15th Century       17th Century       19th Century

SPECIFIC DATE(S) (If Applicable and Known)

1849-50 to 1875

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- |  |  |  |  |
|--|--|--|--|
| Aboriginal <input type="checkbox"/>          | Education <input type="checkbox"/>           | Political <input type="checkbox"/>           | Urban Planning <input type="checkbox"/>  |
| Prehistoric <input type="checkbox"/>         | Engineering <input type="checkbox"/>         | Religion/Philosophy <input type="checkbox"/> | Other (Specify) <input type="checkbox"/> |
| Historic <input type="checkbox"/>            | Industry <input checked="" type="checkbox"/> | Science <input type="checkbox"/>             |  |
| Agriculture <input type="checkbox"/>         | Invention <input type="checkbox"/>           | Sculpture <input type="checkbox"/>           |  |
| Art <input type="checkbox"/>                 | Landscape <input type="checkbox"/>           | Social/Humanitarian <input type="checkbox"/> |  |
| Commerce <input checked="" type="checkbox"/> | Architecture <input type="checkbox"/>        | Theater <input type="checkbox"/>             |  |
| Communications <input type="checkbox"/>      | Literature <input type="checkbox"/>          | Transportation <input type="checkbox"/>      |  |
| Conservation <input type="checkbox"/>        | Military <input type="checkbox"/>            |  |  |
|  | Music <input type="checkbox"/>               |  |  |



STATEMENT OF SIGNIFICANCE (Include Personages, Dates, Events, Etc.)

The Moselle Iron Furnace Stack is significant as an important example of the advances made in the iron smelting processes in 19th Century Missouri.

The Moselle Iron Furnace was built in 1848-49 by F. A. Evans and George L. Nuckolls, with financial backing from concerns in Kentucky and Ohio. The furnace was run on the cold-blast process, its output was small, about five or six tons per day. Most of the pig iron was hauled to South Point on the Missouri River. The original town of Moselle, settled by French immigrants, was located at the furnace site. The Moselle Post Office was established at the furnace in 1851. (Roblee and Osiek, Historical Review of Franklin County, 1968, p. 61).

Dr. A. Litton, M.D., a chemist who visited the site in 1854, reported that the name of the furnace had been changed from Moselle to the Furnace of the Franklin Iron Mining Company. Litton also reported that the furnace was 33 feet high, and operated on a cold-blast, produced by a steam engine. Ore for the smelting operation was obtained from ore banks in the vicinity of the furnace. (The First and Second Annual Report of the Geological Survey of Missouri, 1855, p. 74).

The Moselle Iron Company was formed in 1874 by John H. Brown and Company of Ohio and John C. Smith in association with R. W. Booth of Franklin County. The company raised the stack of the furnace and changed the smelting operation to a hot-blast process, thus increasing the furnace output from twenty to thirty tons of pig iron per day. When the San Francisco Railroad was constructed, the town of Moselle moved one mile west of the furnace. A spur from this railroad to the furnace was also constructed. Iron ore from the Iron Hill Bank was shipped to the furnace area, while pig iron was shipped from the furnace to markets in St. Louis, Indiana, Pennsylvania, and New Jersey. (Mines, Metals, and Arts, October 8, 1874, p.243).

The furnace was closed in early June, 1875, due to the change of fuel from charcoal to coke and the increase in railroad rates. In that same year, the Moselle Iron Company changed its operation to lead smelting.

SEE INSTRUCTIONS

**9. MAJOR BIBLIOGRAPHICAL REFERENCES**

1. \_\_\_\_\_, History of Franklin, Jefferson, Washington, Crawford and Gasconade Counties, Missouri. (Chicago: The Goodspeed Publishing Co., 1888) pp. 210-211.
2. Grawe, Oliver R., Pyrites Deposits of Missouri. Missouri Geological Survey and Water Resources, Vol XXX, Second Series. (Jefferson City: Mid-State Printing Co., 1945) p.385.
3. "Iron Works Outside of St. Louis." Mines, Metals, and Arts, a weekly journal devoted to Mine, Metallurgy, Manufactures, Technics, Engineering, Chemistry, Fine Arts, and Markets. Vol II, No. 5. (St. Louis, October 8, 1874) p. 243.

**10. GEOGRAPHICAL DATA**

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN ONE ACRE		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	
NW	° ' "	° ' "		38° 22' 48"	90° 52' 51"	
NE	° ' "	° ' "				
SE	° ' "	° ' "				
SW	° ' "	° ' "				

NO UTM  
HL

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE

SEE INSTRUCTIONS

**11. FORM PREPARED BY**

NAME AND TITLE: **Martha L. Kusiak, Research Historian**

ORGANIZATION: **State Historical Survey and Planning Office**      DATE: **April 18, 1969**  
**Missouri State Park Board**

STREET AND NUMBER: **P.O. Box 176, 1204 Jefferson Building**

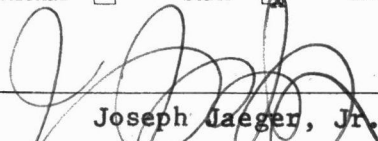
CITY OR TOWN: **Jefferson City**      STATE: **Missouri 65101**      CODE: **24**

**12. STATE LIAISON OFFICER CERTIFICATION**

**NATIONAL REGISTER VERIFICATION**

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

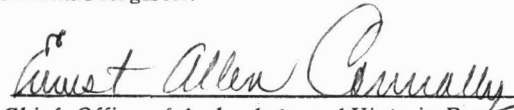
National  State  Local

Name:   
**Joseph Jaeger, Jr.**

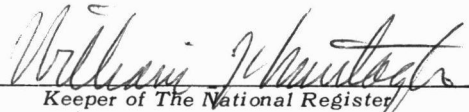
Title: Director, Missouri State Park Board, and Missouri State Liaison Officer

Date: \_\_\_\_\_

I hereby certify that this property is included in the National Register.

  
 Chief, Office of Archeology and Historic Preservation

Date May 21, 1969

ATTEST:  
  
 Keeper of The National Register

Date May 21, 1969

NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY - NOMINATION FORM

(Continuation Sheet)

STATE	
Missouri	
COUNTY	
Franklin	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
69-05-24-0013	5/21/69

(Number all entries)

9.

MOSELLE IRON FURNACE STACK

4. Roblee, Melvin B., and Osiek, Vera L. (eds.). Historical Review of Franklin County, Missouri. Franklin Co. Sesqui-Centennial Corp. 1818-1968. (Union, Missouri: Moore Enterprises Inc., 1968) p. 61.
5. \_\_\_\_\_, Atlas of Franklin County. (Chicago: George A. Ogle & Co., 1898) # 23.
6. Crane, G. W. The Iron Ores of Missouri. Missouri Bureau of Geology and Mines, Vol X, Second Series. (Jefferson City: The Hugh Stephens Printing Co., 1912) p.249.
7. Litton, A., Dr. "A Preliminary Report on Some of the Principal Mines in Franklin, Jefferson, Washington, St. Francois and Madison Counties, Missouri." The First and Second Annual Report of the Geological Survey of Missouri, by G. C. Swallow. (Jefferson City: James Lusk, Public Printer, 1855) p. 74.



DUPLICATE  
(THIS IS NOT AN ORIGINAL) 69000100

WASO Form - 177  
("R" June 1984)

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES  
EVALUATION/RETURN SHEET

Moselle Iron Furnace Stack  
Franklin (071)  
MO

Working No. \_\_\_\_\_  
Fed. Reg. Date: \_\_\_\_\_  
Date Due: \_\_\_\_\_  
Action:  ACCEPT 5/21/86  
 RETURN \_\_\_\_\_  
 REJECT \_\_\_\_\_  
Federal Agency: \_\_\_\_\_

- resubmission
- nomination by person or local government
- owner objection
- appeal

Substantive Review:  sample  request  appeal  NR decision

Reviewer's comments:

Recom./Criteria \_\_\_\_\_  
Reviewer \_\_\_\_\_  
Discipline \_\_\_\_\_  
Date \_\_\_\_\_  
\_\_\_\_\_ see continuation sheet

Nomination returned for: \_\_\_\_\_ technical corrections cited below  
\_\_\_\_\_ substantive reasons discussed below

1. Name

2. Location

3. Classification

Category	Ownership Public Acquisition	Status Accessible	Present Use
----------	---------------------------------	----------------------	-------------

4. Owner of Property

5. Location of Legal Description

6. Representation in Existing Surveys

Has this property been determined eligible?  yes  no

7. Description

<b>Condition</b>		<b>Check one</b>	<b>Check one</b>
<input type="checkbox"/> excellent	<input type="checkbox"/> deteriorated	<input type="checkbox"/> unaltered	<input type="checkbox"/> original site
<input type="checkbox"/> good	<input type="checkbox"/> ruins	<input type="checkbox"/> altered	<input type="checkbox"/> moved date _____
<input type="checkbox"/> fair	<input type="checkbox"/> unexposed		

Describe the present and original (if known) physical appearance

- summary paragraph
- completeness
- clarity
- alterations/integrity
- dates
- boundary selection

---

**8. Significance**

Period      Areas of Significance—Check and justify below

Specific dates                      Builder/Architect

Statement of Significance (*in one paragraph*)

- summary paragraph
- completeness
- clarity
- applicable criteria
- justification of areas checked
- relating significance to the resource
- context
- relationship of integrity to significance
- justification of exception
- other

---

**9. Major Bibliographical References**

---

**10. Geographical Data**

Acreage of nominated property \_\_\_\_\_

Quadrangle name \_\_\_\_\_

UTM References \_\_\_\_\_

---

Verbal boundary description and justification

---

**11. Form Prepared By**

---

**12. State Historic Preservation Officer Certification**

The evaluated significance of this property within the state is:

    \_\_\_ national      \_\_\_ state      \_\_\_ local

State Historic Preservation Officer signature

title

date

---

**13. Other**

- Maps
- Photographs
- Other

Questions concerning this nomination may be directed to \_\_\_\_\_

Signed \_\_\_\_\_ Date \_\_\_\_\_ Phone: \_\_\_\_\_



Name of Site: MOSELLE IRON FURNACE STACK

Site Number \_\_\_\_\_

Photographer: RALPH GREGORY

Date of Photo: 1962

View of Photo: LOOKING SOUTH

Neg. Size \_\_\_\_\_

NPS Number \_\_\_\_\_

Title: M

Loc. FRAN

1 mile

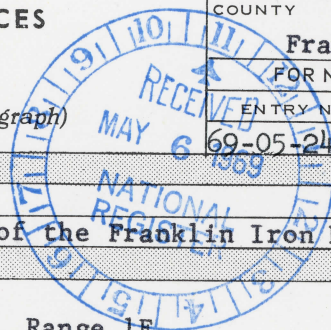
SEE INSTRUCTIONS

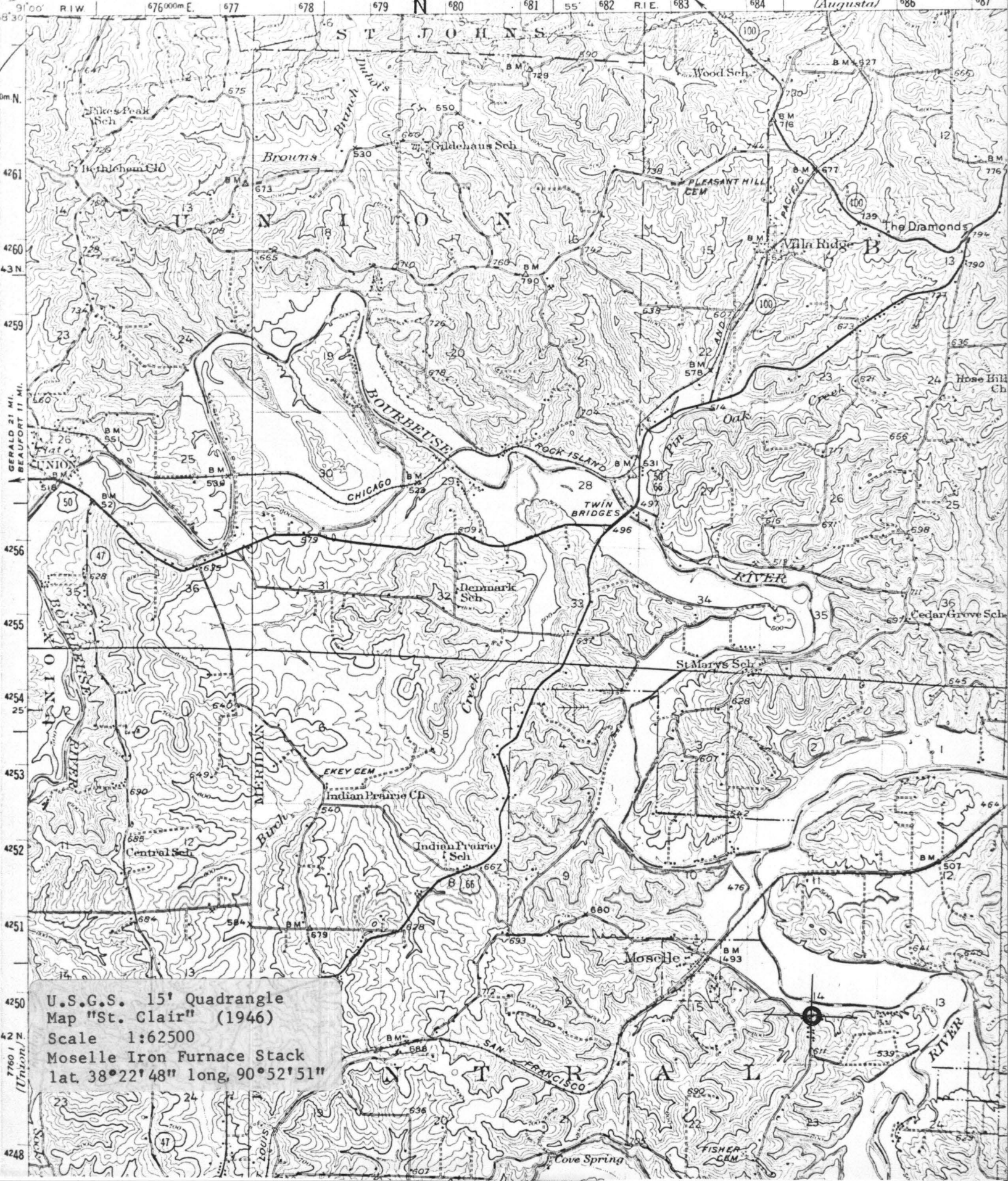
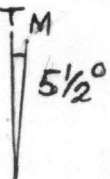
UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES  
PROPERTY PHOTOGRAPH FORM

(Type all entries - attach to or enclose with photograph)

STATE		Missouri	
COUNTY		Franklin	
FOR NPS USE ONLY			
ENTRY NUMBER		DATE	
69-05-24-0013		5/21/69	
1. NAME			
COMMON:		Moselle Iron Furnace Stack	
AND/OR HISTORIC: Moselle Iron Furnace; Furnace of the Franklin Iron Mining Co.;			
2. LOCATION Moselle Iron Company			
STREET AND NUMBER:			
SE ¼, Section 14, Township 42N, Range 1E			
CITY OR TOWN:			
One mile southeast of Moselle			
STATE:		CODE	COUNTY:
Missouri 60367		24	Franklin
3. PHOTO REFERENCE			
PHOTO CREDIT:		Ralph Gregory, Missouri State Park Board	
DATE OF PHOTO: 1962			
NEGATIVE FILED AT: State Historical Society of Missouri			
Corner, Hitt and Lowry streets, Columbia, Missouri 65201			
4. IDENTIFICATION			
DESCRIBE VIEW, DIRECTION, ETC.			
Looking south, view of front (north) of Moselle Iron Furnace Stack. View of casting arch			





U.S.G.S. 15' Quadrangle  
Map "St. Clair" (1946)  
Scale 1:62500  
Moselle Iron Furnace Stack  
lat. 38°22'48" long. 90°52'51"

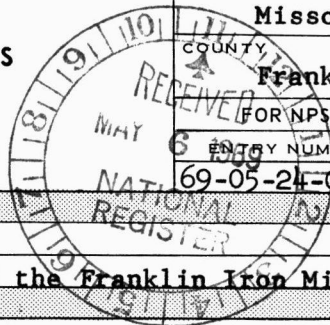
Form 10-301  
(Dec. 1968)

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

**NATIONAL REGISTER OF HISTORIC PLACES  
PROPERTY MAP FORM**

(Type all entries - attach to or enclose with map)

STATE	Missouri	
COUNTY	Franklin	
FOR NPS USE ONLY		
ENTRY NUMBER	DATE	
69-05-24-0013	5/21/69	



SEE INSTRUCTIONS

<b>1. NAME</b>			
COMMON:	Moselle Iron Furnace Stack		
AND/OR HISTORIC:	Moselle Iron Furnace; Furnace of the Franklin Iron Mining Co.;		
<b>2. LOCATION</b>			
Moselle Iron Company			
STREET AND NUMBER:			
SE ¼, Section 14, Township 42N, Range 1E			
CITY OR TOWN:			
One mile southeast of Moselle			
STATE:	CODE	COUNTY:	CODE
Missouri	63067	Franklin	071
<b>3. MAP REFERENCE</b>			
SOURCE:			
U.S.G.S. 15' Quadrangle St. Clair			
SCALE:			
1:62500			
DATE:			
1946			
<b>4. REQUIREMENTS</b>			
TO BE INCLUDED ON ALL MAPS			
1. Property boundaries where required.			
2. North arrow.			
3. Latitude and longitude reference.			

H30-HR

MAY 23 1969

Mr. Joseph Jaeger, Jr.  
Director, Missouri State Park Board  
P. O. Box 176  
1204 Jefferson Building  
Jefferson City, Missouri 65101

Dear Mr. Jaeger:

We wish to inform you that the properties indicated on the enclosed forms have been added to the National Register of Historic Places.

Sincerely yours,

JERRY L. ROGERS (Sgd.)

Jerry L. Rogers  
Assistant Keeper of the  
National Register

Enclosure

cc:  
Regional Director, Midwest Region-w/c encl.  
T, Butterfield-w/c encl.

HR

JEdwards:je

Lyric Theater  
Jacques Dubreuil  
Guibourd House  
Cole County Historical  
Society Building  
General John J. Pershing  
Boyhood Home  
Mark Twain Birthplace Cabin

Moselle Iron  
Furnace Stack  
Scotia Iron Furnace  
St. Paul's Episcopal  
Church  
Governor's Mansion  
Glasgow Public  
Library  
Murphy Mound Arch-  
eological Site  
Wornall House

BASIC FILE RETAINED IN HR