

# DATA SHEET

Form 10-306  
(Oct. 1972)

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

## NATIONAL REGISTER OF HISTORIC PLACES INVENTORY - NOMINATION FORM FOR FEDERAL PROPERTIES

(Type all entries - complete applicable sections)

STATE:	Tennessee
COUNTY:	Stewart
FOR NPS USE ONLY	
ENTRY DATE	OCT 6 1975

### 1. NAME

COMMON: Great Western Furnace

AND/OR HISTORIC:

### 2. LOCATION

STREET AND NUMBER: *NW of Dover on TN 49*  
east side of Tennessee Highway 49; 13.26 miles SSE of Golden Pond, Ky.

CITY OR TOWN: *Dover* CONGRESSIONAL DISTRICT: Seventh

STATE: Tennessee CODE: 47 COUNTY: Stewart CODE: 161

### 3. CLASSIFICATION

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

### 4. AGENCY United States, in the custody of

Tennessee Valley Authority, Division of Forestry, Fisheries, and Wildlife Development/Land Between The Lakes

REGIONAL HEADQUARTERS: (If applicable)

CITY OR TOWN: Golden Pond STATE: Kentucky CODE: 21

### 5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.: Stewart County Courthouse

STREET AND NUMBER:

CITY OR TOWN: Dover STATE: Tennessee CODE: 47

### 6. REPRESENTATION IN EXISTING SURVEYS

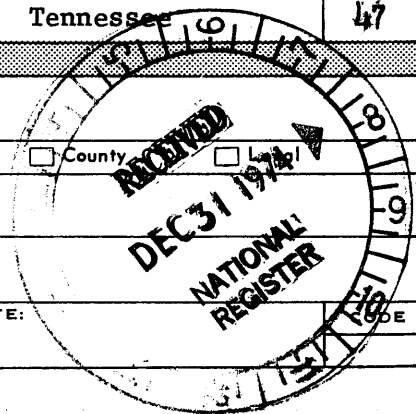
TITLE OF SURVEY:

DATE OF SURVEY:  Federal  State  County  Local

DEPOSITORY FOR SURVEY RECORDS:

STREET AND NUMBER:

CITY OR TOWN: STATE: CODE:



SEE INSTRUCTIONS

STATE:	Tennessee
COUNTY:	Stewart
ENTRY NUMBER	001 6 1975
DATE	
FOR NPS USE ONLY	

**7. DESCRIPTION**

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

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

Great Western Iron Furnace originally consisted of a complex of structures including a four sided limestone stack, a casting house, a bridge connecting the hillside behind to the stack and other support facilities. The casting house was a wooden building located in front of the stack and the bridge above the stack allowed gravity loading or "charging" of the iron ore, charcoal and limestone.

The stack was constructed of large, locally quarried limestone blocks. Special fire bricks were used to form the central core in order to withstand the intense heat necessary to produce the iron. This core measures ten feet wide by forty feet high on the inside. At the base of each of the three sides of the stack were truncated triangular openings that extended approximately half way up the side and allowed for the extraction of the slag and molten iron. The outside dimensions of the stack were twenty-one feet across the top and forty-three feet at the base.

Great Western Iron Furnace had such a brief period of operation that its stack remains in an excellent state of preservation although there is no evidence of any of the adjoining wooden buildings. The stack still stands on the original site of what was to become Model, Tennessee; and the structure has not been altered since it was built. It is in very good condition, much as it was during the period of operation for the Great Western Furnace from 1854 to 1856.

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**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) 1854

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- |  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> 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 checked="" type="checkbox"/> Other (Specify)<br><u>Economic</u> |
| <input checked="" type="checkbox"/> Historic | <input checked="" type="checkbox"/> Industry    | <input type="checkbox"/> Science             | _____  |
| <input type="checkbox"/> Agriculture         | <input type="checkbox"/> Invention              | <input type="checkbox"/> Sculpture           | _____  |
| <input type="checkbox"/> Architecture        | <input type="checkbox"/> Landscape Architecture | <input type="checkbox"/> Social/Humanitarian | _____  |
| <input type="checkbox"/> Art                 | <input type="checkbox"/> Literature             | <input type="checkbox"/> Theater             | _____  |
| <input type="checkbox"/> Commerce            | <input type="checkbox"/> Military               | <input type="checkbox"/> Transportation      | _____  |
| <input type="checkbox"/> Communications      | <input type="checkbox"/> Music                  |  | _____  |
| <input type="checkbox"/> Conservation        |   |  | _____  |

STATEMENT OF SIGNIFICANCE

Great Western Furnace is the finest remaining example of the iron furnaces in the Land Between The Lakes area. It was built in 1854 by Brien, Newell and Company. This furnace was one of several that were built to utilize the brown iron ore deposits located in Stewart County, Tennessee, by the use of the cold blast method of iron production. This ore was found some one and one-half miles north of Model in ten to twelve shallow pits.

Later in 1854, after the construction of the furnace, Brien, Newell and Company was dissolved and William E. Newell and John H. Pritchett obtained the operation. Iron was only produced at the Great Western Furnace for less than two years, from 1854 to 1856. But this was sufficient time to promote the beginning of what would become Model, Tennessee. This was due to the settlement of workers near the furnace. Great Western used numerous slaves in its operation and its closing is related to a slave insurrection scare of the mid-1850's. Labor troubles combined with financial difficulties led to the end of the iron production at the Great Western Furnace.

SEE INSTRUCTIONS



9. MAJOR BIBLIOGRAPHICAL REFERENCES

1. Burchard, Ernest F. The Brown Iron Ores of the Western Highland Rim, Tennessee, Bulletin No. 39. Nashville, Tennessee: State of Tennessee Department of Education, 1934, pp. 12 & 39.
2. Henry, J. Milton. "The Land Between the Rivers." unpublished historical research, TVA Operations Office, Golden Pond, Kentucky

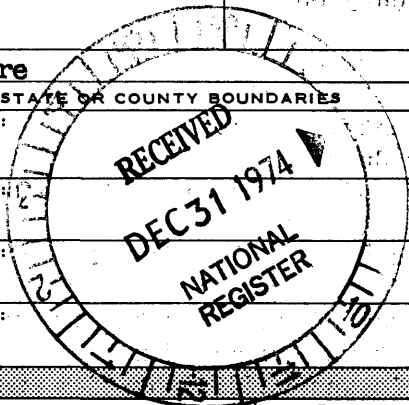
10. GEOGRAPHICAL DATA

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 TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
NW	Degrees Minutes Seconds	Degrees Minutes Seconds	Degrees	Minutes	Seconds	
NE	° ' "	° ' "	36 °	38 ' 24 "	87° 58' 38"	
SE	° ' "	° ' "				
SW	° ' "	° ' "				

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: 1/8th acre

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

UTM - 16 412 8604 655240

11. FORM PREPARED BY

NAME AND TITLE: J. Porter Taylor Director DATE: December 2, 1974

BUSINESS ADDRESS: Division of Reservoir Properties Tennessee Valley Authority

STREET AND NUMBER: 109 West Cumberland Building PHONE: 615-637-0101, X2955

CITY OR TOWN: Knoxville STATE: Tennessee 37902 CODE: 47

12. CERTIFICATION OF NOMINATION

NATIONAL REGISTER VERIFICATION

State Liaison Officer recommendation:

Yes  
 No  
 None

Herbert L. Hager  
 State Liaison Officer Signature

In compliance with Executive Order 11593, I hereby nominate this property to the National Register, certifying that the State Liaison Officer has been allowed 90 days in which to present the nomination to the State Review Board and to evaluate its significance. The recommended level of significance is  National  State  Local

J. Porter Taylor 7/21/75  
 Federal Representative Signature Date

Director of Reservoir Properties, TVA  
 Title

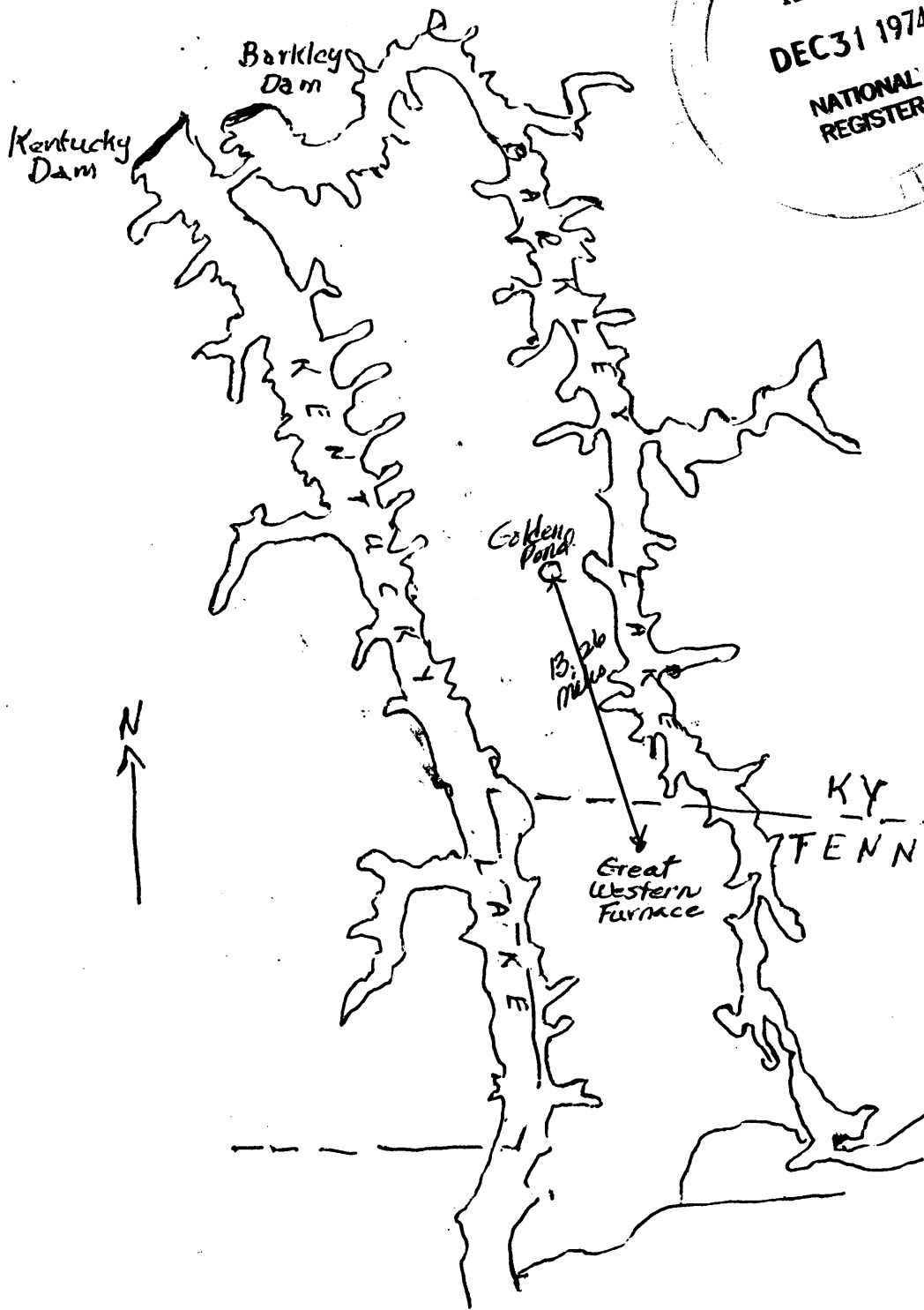
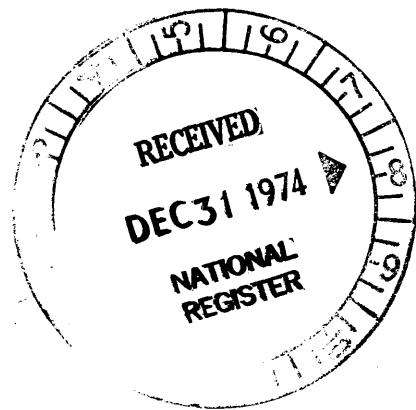
I hereby certify that this property is included in the National Register.

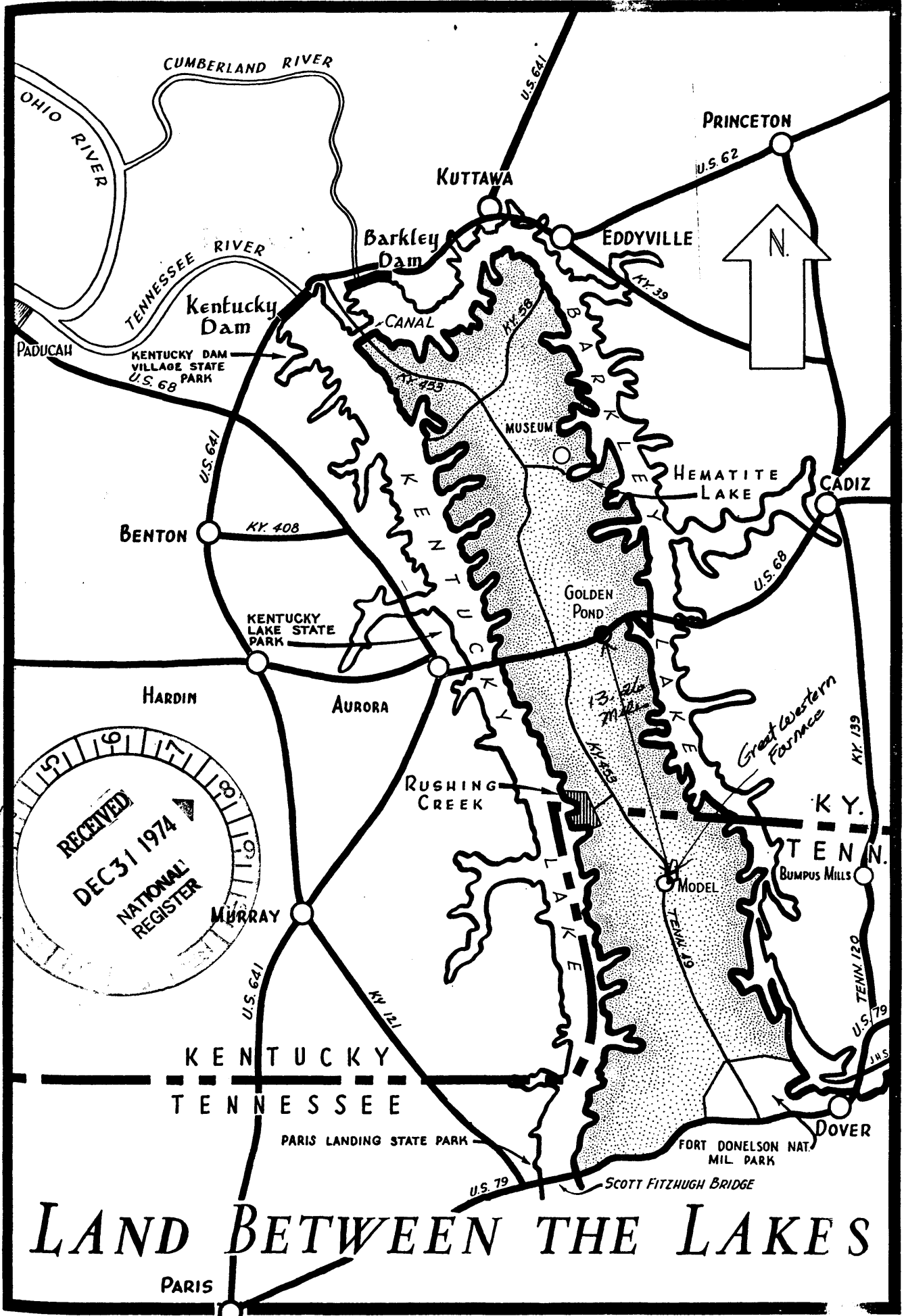
Arthur W. ...  
 Director, Office of Archeology and Historic Preservation

Date 10/6/75

ATTEST: W. ...  
 Keeper of the National Register

Date \_\_\_\_\_





# LAND BETWEEN THE LAKES

RECEIVED  
 DEC 31 1974  
 NATIONAL REGISTER

KENTUCKY  
 TENNESSEE

PARIS

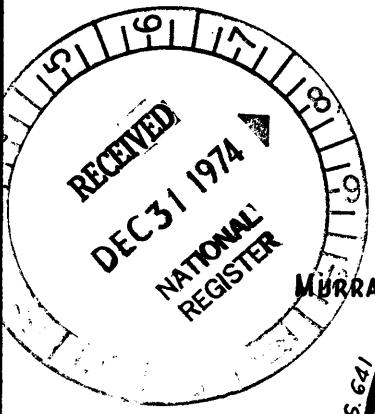
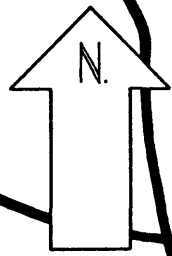
PARIS LANDING STATE PARK

FORT DONELSON NAT. MIL. PARK

SCOTT FITZHUGH BRIDGE

Great Western Farm

13.26 Miles





Land Between The Lakes

Tennessee Valley Authority  
 Division of Water Control Planning  
 April 1971

Scale - 1" : 4000'

36° 38' 24"  
 87° 58' 25"

GREAT WESTERN FURNACE



TRIGG CO  
 STEWART CO  
 CALLOWAY CO

Mile  
 50