

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

(Type all entries - complete applicable sections)

STATE: Virginia
COUNTY: Page
FOR NPS USE ONLY
ENTRY DATE JAN 21 1974

1. NAME

COMMON:
Catherine Furnace

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER:
2 miles west of Newport on FDR 685 on the George Washington National Forest.

CITY OR TOWN:
Newport

CONGRESSIONAL DISTRICT:
Seventh; J. Kenneth Robinson

STATE:
Virginia

CODE: **51**

COUNTY:
Page

CODE: **39**

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Building <input type="checkbox"/> Site <input type="checkbox"/> Structure <input checked="" type="checkbox"/> Object	<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	Yes: <input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Unrestricted <input type="checkbox"/> No
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 checked="" type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input 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) _____ _____

4. AGENCY

U.S. Department of Agriculture - Forest Service

REGIONAL HEADQUARTERS: (If applicable)
George Washington National Forest

STREET AND NUMBER:
210 Federal Building

CITY OR TOWN:
Harrisonburg

STATE:
Virginia

CODE:
51

5. LOCATION OF LEGAL DESCRIPTION

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

STREET AND NUMBER:

CITY OR TOWN:
Luray

STATE:
Virginia

CODE:
51

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:
N/A

DATE OF SURVEY: Federal State County

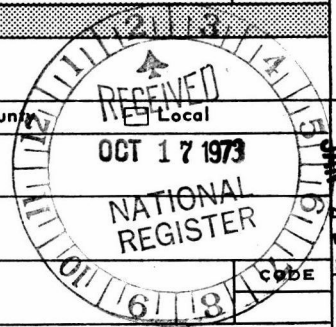
DEPOSITORY FOR SURVEY RECORDS:

STREET AND NUMBER:

CITY OR TOWN:

STATE:

CODE:



SEE INSTRUCTIONS

STATE: Virginia
COUNTY: Page
FOR NPS USE ONLY
ENTRY NUMBER
DATE JAN 21 1974

7. DESCRIPTION

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

Catherine Furnace was constructed in 1836. The furnace is pyramid in shape constructed of handlaid stone without the use of mortar. Originally the furnace interior was 8 feet in diameter and 32 feet high above the firebox. The furnace was designed to be loaded from the top with iron ore, limestone, and charcoal. Because of design, most all of the Virginia iron furnaces were built on the side of a hill. Another necessary ingredient needed in adequate and continuous supply was water. The water was used to turn a large water wheel which in turn operated the air bellows.

Catherine Furnace is still in good condition. The service structures that were once associated with this type of industry are long gone, but the presence of the stone structure is sufficient to bring back memories of the days gone by.



SEE INSTRUCTIONS

B. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- | | | | |
|--|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Pre-Columbian | <input type="checkbox"/> 16th Century | <input type="checkbox"/> 18th Century | <input type="checkbox"/> 20th Century |
| <input type="checkbox"/> 15th Century | <input type="checkbox"/> 17th Century | <input checked="" type="checkbox"/> 19th Century | |

SPECIFIC DATE(S) (If Applicable and Known)

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 type="checkbox"/> Other (Specify) |
| <input 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

This furnace was instrumental in producing high quality pig iron that was used in the Mexican and Civil Wars. An article that appeared in Volume 3 of "The Virginias" states that "During the Mexican War of 1846-1847, every shot fired and shell thrown at the enemy was shipped from this Furnace." The article further referred to the fact that this furnace made shells for the Confederacy. History also states that the furnace was enlarged at the time of the Civil War. Facts leading to the rebuilding are incomplete at this time. The furnace could have been destroyed by Union forces and rebuilt or rebuilt to gain greater efficiency. In either case, the output of Catherine Furnace greatly increased. For various reasons, the furnace never went back into blast after the war. It was abandoned in 1885.

SEE INSTRUCTIONS



9. MAJOR BIBLIOGRAPHICAL REFERENCES

The Virginias, Volume 3, page 90
 Personal files of John D. Capron, Lynchburg, Virginia
 A short history of Page County, Virginia, by H. M. Strickler, 1952

10. GEOGRAPHICAL DATA

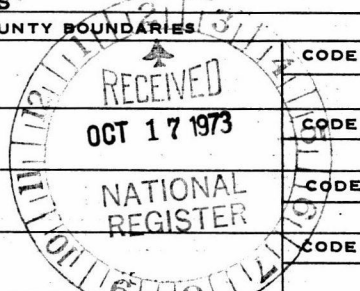
LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	
NW	0 0 0	0 0 0		78 38 10	38 33 28	
NE	0 0 0	0 0 0				
SE	0 0 0	0 0 0				
SW	0 0 0	0 0 0				

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: **Less than 10 acres**

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

STATE:	CODE	COUNTY:	CODE

UTM
 17/706000
 4270140
 CD



SEE INSTRUCTIONS

11. FORM PREPARED BY

NAME AND TITLE: MELVIN L. ANHOLD, Recreation Staff Specialist	DATE: May 11, 1973
BUSINESS ADDRESS: George Washington National Forest	
STREET AND NUMBER: 210 Federal Building	PHONE: 433-2491
CITY OR TOWN: Harrisonburg,	STATE Virginia
	CODE 51

12. CERTIFICATION OF NOMINATION

State Liaison Officer recommendation:

Yes
 No
 None

James O. F. Smith
 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

F. Levy Bond
 Federal Representative Signature
Director of Recreation
 Title

JUL 17 1973
 Date

NATIONAL REGISTER VERIFICATION

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

A. R. Montrose
 Director, Office of Archeology and Historic Preservation
 1/21/74
 Date

ATTEST:

Ronald M. Greenberg
 Keeper of The National Register
 Date 1/18/74

Catherine Furnace

Va.

74002141

WORKING NUMBER

10.17.73.3810

TECH REVIEW

Photos 1

Maps 1

Page

CONTROL REVIEW

Xerox map form.

cm
10.18
73

HISTORIAN

~~HAER~~ to see

otherwise

wouldn't return
for only map form
but maybe call?

OK

Accept
Aml

10/23/73

ARCHITECTURAL HISTORIAN

ARCHEOLOGIST

Inventorial by more

Accept
Sub
11/18/73

REVIEW UNIT CHIEF

Seems ok - HAER def.

Accept
KHC
11/23/73

BRANCH CHIEF

Accept
Cath
1-18-74

KEEPER

Greenberg
for Munchach
1/18/74

National Register write-up

3/15/74

Send-back

Federal Register entry

3-5-74

Re-submit

Entered

JAN 21 1974



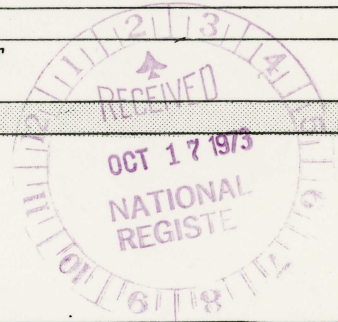
NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY PHOTOGRAPH FORM

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

STATE	
COUNTY	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
	JAN 21 1974

SEE INSTRUCTIONS

1. NAME			
COMMON: <i>Catherine Furnance</i>			
AND/OR HISTORIC:			
2. LOCATION			
STREET AND NUMBER: <i>2 miles west of Newport on FDR 685</i>			
CITY OR TOWN:			
STATE: <i>Virginia</i>	CODE <i>51</i>	COUNTY: <i>Page</i>	CODE <i>39</i>
3. PHOTO REFERENCE			
PHOTO CREDIT: <i>U. S. Forest Service</i>			
DATE OF PHOTO: <i>Unknown</i>			
NEGATIVE FILED AT: <i>Supervisor's Office, George Washington NF Harrisonburg, Virginia</i>			
4. IDENTIFICATION			
DESCRIBE VIEW, DIRECTION, ETC. <i>View showing existing Furnace condition</i>			



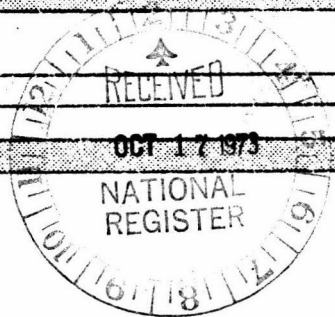
**NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY MAP FORM**

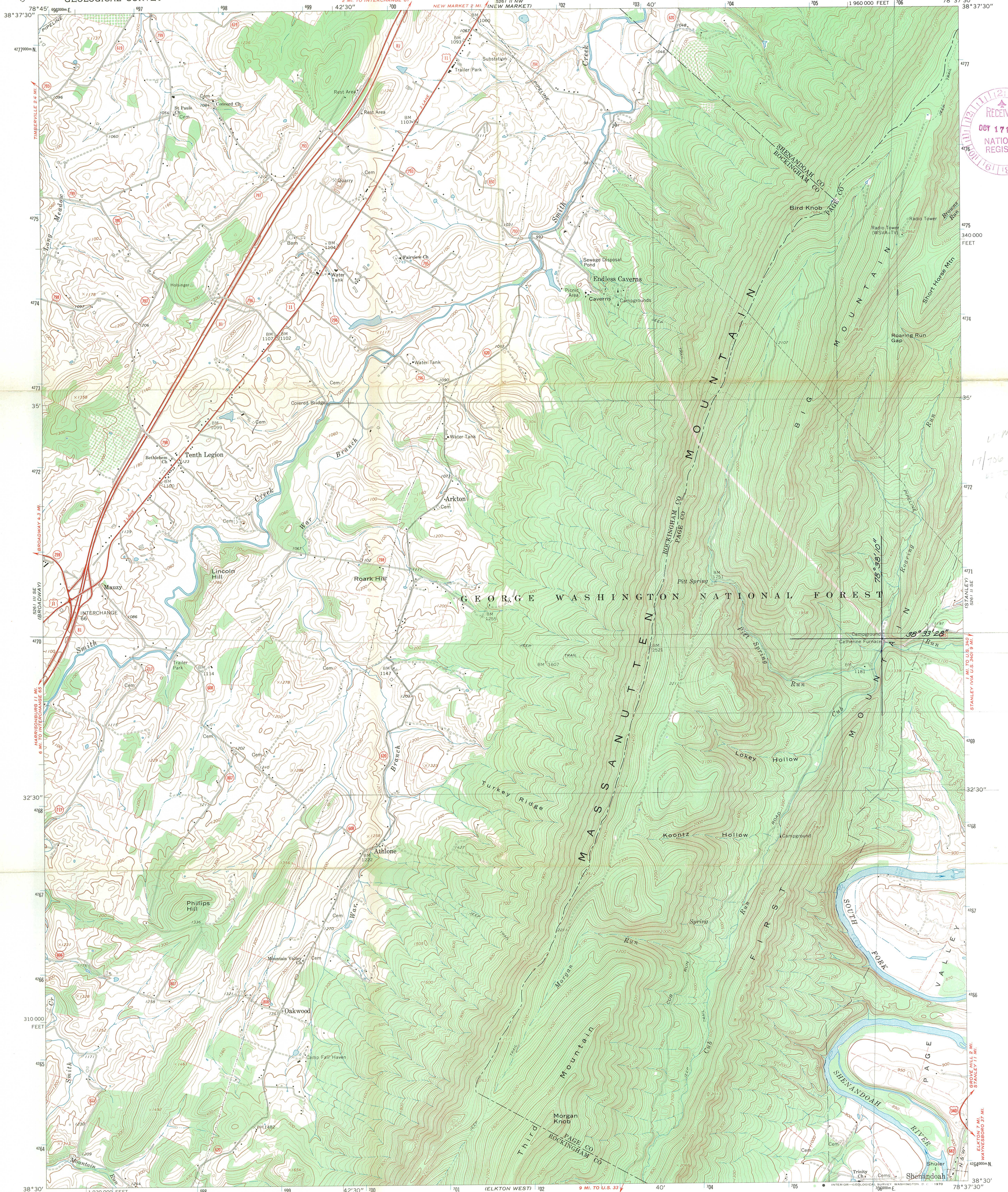
(Type all entries - attach to or enclose with map)

STATE Virginia	
COUNTY Page	
FOR NPS USE ONLY	
ENTRY NUMBER JAN 21 1974	DATE 1974

SEE INSTRUCTIONS

1. NAME			
COMMON: Catherine Furnace			
AND/OR HISTORIC:			
2. LOCATION			
STREET AND NUMBER: 2 miles west of Newport on FDR 685 on the George Washington National Forest			
CITY OR TOWN: Newport			
STATE: Virginia	CODE 51	COUNTY: Page	CODE 39
3. MAP REFERENCE			
SOURCE: USGS 7.5' Series; Tenth Legion, Virginia Quadrangle			
SCALE: 1:24,000			
DATE: 1967			
4. REQUIREMENTS			
TO BE INCLUDED ON ALL MAPS			
1. Property boundaries where required.			
2. North arrow.			
3. Latitude and longitude reference.			





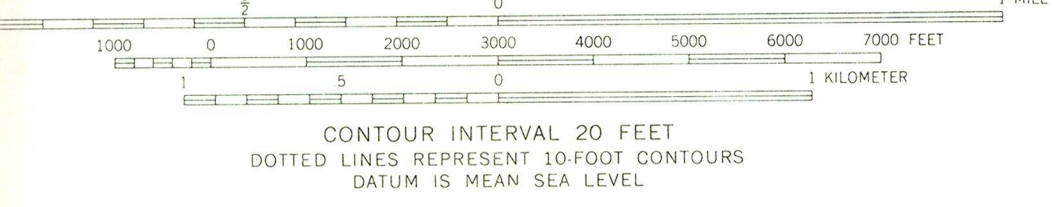
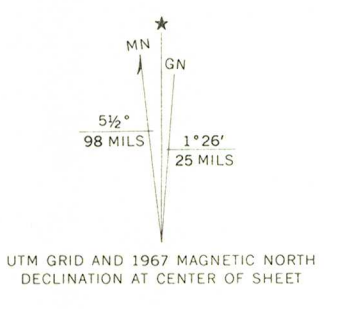
U M
17/706 066
22 140

STANLEY 1/4 U.S. 3409 9 MI.
STANLEY 1/4 U.S. 3409 11 SE

GROVE HILL 2 MI.
STANLEY 1/4 U.S. 3409 9 MI.
ELKTON 7 MI.
WAINSBORO 31 MI.

ELKTON EAST
3409 11 SE

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs
taken 1964 and 1965. Field checked 1967
Polyconic projection. 1927 North American datum
10,000-foot grid based on Virginia coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 17,
shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather	

Interstate Route U.S. Route State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

TENTH LEGION, VA.
SW 1/4 MT. JACKSON 15' QUADRANGLE
N3830-W7837.5/7.5

1967

AMS 5261 II SW-SERIES V834

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Washington, D.C. 20250

2360

OCT 15 1973



Mr. Jerry L. Rogers
Chief of Registration
National Register of Historic Places
National Park Service
Department of the Interior
Washington, D.C. 20250

Dear Mr. Rogers:

Enclosed are the original copies of National Register of Historic Places nomination forms (10-306, 301, 301a and map) for the following sites on the George Washington National Forest in the State of Virginia:

--Mt. Torry Furnace

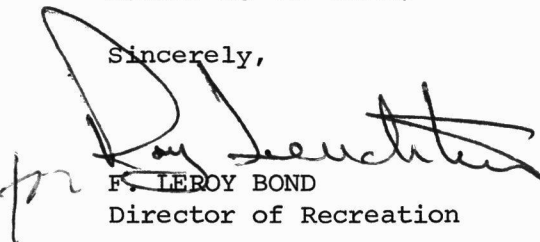
--Callie Furnace

--Catherine Furnace

Please consider the sites for nomination to the National Register of Historic Places.

For additional information about these nominations, please contact Mr. Gordon Sanford in this office. His telephone number is 447-3520.

Sincerely,


F. LEROY BOND
Director of Recreation

Enclosures



ENTRIES IN THE NATIONAL REGISTER

STATE **VIRGINIA**

Date Entered JAN 21 1974

<u>Name</u>	<u>Location</u>
Callie Furnace	Glen Wilton vicinity Botetourt County
Catherine Furnace	Newport vicinity Page County
Sweet Chalybeate Springs	Sweet Chalybeate vicinity Alleghany County

Also Notified

Hon. Harry F. Byrd, Jr.
 Hon. William L. Scott
 Hon. M. Caldwell Butler
 Hon. J. Kenneth Robinson
 Mr. Gordon Sanford, Forest Service

State Historic Preservation Officer
 Dr. Junius R. Fishburne, Jr.
 Executive Director
 Virginia Historic Landmarks Commission
 221 Governor Street
 Richmond, Virginia 23219

Director, Mid Atlantic Region

PR MMOTT: p1 1.30.74

Advisory Council on
Historic Preservation
1522 K Street N.W.
Washington, D.C. 20005

Virginia

Page County

April 27, 1978

Mr. Zane G. Smith
Director
Division of Recreation
U.S. Forest Service
Department of Agriculture
Washington, D.C. 20250

Dear Mr. Smith:

We have been informed by Tucker Hill, Virginia State Historic Preservation Officer that the continued deterioration of Catherine Furnace, Page County, a property of the U.S. Forest Service, may have an effect on that property included in the National Register of Historic Places. This effect is recognized as an adverse effect under Section 800.9(e) of the Council's "Procedures for the Protection of Historic and Cultural Properties" (36 CFR Part 800).

Please investigate this matter to determine whether you should obtain the comments of the Council in accordance with Section 106 of the National Historic Preservation Act of 1966 (16 U.S.C. 470f, as amended, 90 Stat. 1320). Steps to determine this responsibility are set forth in Section 800.4 of the Council's Procedures. A copy of the Procedures is attached.

The Council requests that you report the results of your investigation to this office at the earliest opportunity. If you have further questions or require assistance, please call Ms. Amy Schlagel at 202-254-3967.

Thank you for your cooperation.

Sincerely yours,

SIGNED

Myra F. Harrison
Assistant Director
Office of Review and Compliance

Enclosure

**Advisory
Council On
Historic
Preservation**

PAGE 6
VIRGINIA

HORS-NR

1522 K Street NW
Washington D.C.
20005

DEC 26 1978

Mr. Owen T. Jamison
Acting Director
Recreation Management
Forest Service
U.S. Department of Agriculture
P.O. Box 2417
Washington, D.C. 20013

Dear Mr. Jamison:

Thank you for your letter of December 6, 1978, detailing the current status of the Catherine Furnace, George Washington, National Forest, Page County, Virginia, a property included in the National Register of Historic Places. The Advisory Council is extremely concerned about the serious deterioration of this structure.

Under Section 2(b) of the Executive Order 11593 "Protection and Enhancement of the Cultural Environment" of May 13, 1971, Federal agencies are required to assure that properties under their control or jurisdiction which may be eligible for inclusion in the National Register are not "inadvertantly transferred, sold, demolished, or substantially altered" without affording the Advisory Council an opportunity to comment. Furthermore, Section 800.9(e) of the Council's "Procedures for the Protection of Historic and Cultural Properties" published in the Federal Register of January 25, 1974, pp.3366-3370, define "neglect of a property resulting in its deterioration or destruction" as an adverse effect. (For your convenience a copy of the Council's Procedures is enclosed.)

Therefore, the Advisory Council requests that the Forest Service, U.S. Department of Agriculture, initiate the compliance process outlined in Section 800.4 of the Council's Procedures. Although the determination of adversity is made by the Federal agency, in conjunction with the State Historic Preservation Officer, the

Council wishes to emphasize the fact that "demolition through neglect" constitutes an adverse effect under the Council's Procedures. We would be pleased to discuss with your agency measures, such as the construction of a retaining fence to protect the property, as appropriate alternatives to mitigate any adverse effect.

Please contact Ms. Amy Schlagel at 202-254-3967 should you have any questions.

Sincerely,

SIGNED

Myra F. Harrison
Assistant Director
Office of Review and Compliance

Enclosure

Advisory Council On Historic Preservation

1522 K Street NW.
Washington D.C.
20005

April 5, 1979

Mr. Melvin L. Anhold
Recreation Staff Officer
Forest Service
Department of Agriculture
George Washington National Forest
210 Federal Building
Harrisonburg, Virginia 22801

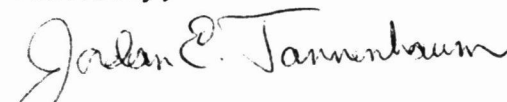
Dear Mr. Anhold:

On March 28, 1979, the Council received your determination that the stabilization of the Catherine Furnace, Page County, Virginia, would not adversely affect the Catherine Furnace, a property included in the National Register of Historic Places. In accordance with Section 800.6(a) of the Council's regulations (36 CFR Part 800), the Executive Director does not object to your determination.

As provided in Section 800.9 of the Council's regulations, a copy of your determination of no adverse effect, along with supporting documentation and this concurrence, should be included in any assessment or statement prepared for this undertaking in compliance with the National Environmental Policy Act and should be kept in your records as evidence of your compliance with Section 106 of the National Historic Preservation Act and the Council's regulations (36 CFR Part 800).

Thank you for your cooperation.

Sincerely,


Jordan E. Tannenbaum
Chief, Eastern Office
of Review and Compliance