

P40076015

Form 10-300
(Rev. 6-72)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Type all entries - complete applicable sections)

STATE:	Arkansas
COUNTY:	Independence
FOR NPS USE ONLY	
ENTRY DATE	MAR 1 1974

1. NAME

COMMON:	SPRING MILL
AND/OR HISTORIC:	James Mill

2. LOCATION

STREET AND NUMBER:			
Highway 69, six miles north of Batesville on ark 69			
CITY OR TOWN:		CONGRESSIONAL DISTRICT:	
Batesville		One	
STATE	CODE	COUNTY:	CODE
Arkansas	05	Independence	063

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input checked="" type="checkbox"/> Building <input type="checkbox"/> Site <input type="checkbox"/> Structure <input type="checkbox"/> Object	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> Both	<input checked="" type="checkbox"/> Occupied <input type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress	Yes: <input checked="" type="checkbox"/> Restricted <input 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 type="checkbox"/> Industrial <input type="checkbox"/> Military <input checked="" 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) <input type="checkbox"/> Comments

4. OWNER OF PROPERTY

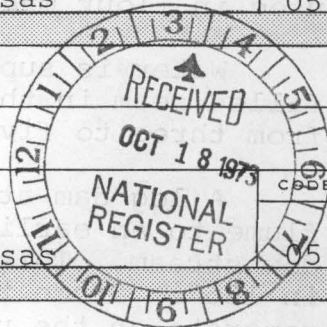
OWNER'S NAME:		
Mr. and Mrs. J. A. Lytle, Jr.		
STREET AND NUMBER:		
Rt. 1		
CITY OR TOWN:	STATE:	CODE
Batesville	Arkansas	05

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC:		
Independence County Courthouse		
STREET AND NUMBER:		
CITY OR TOWN:	STATE:	CODE
Batesville	Arkansas	05

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:			
Arkansas Historic Preservation Program			
DATE OF SURVEY:	<input type="checkbox"/> Federal	<input checked="" type="checkbox"/> State	<input type="checkbox"/> County <input type="checkbox"/> Local
DEPOSITORY FOR SURVEY RECORDS:			
Arkansas History Commission			
STREET AND NUMBER:			
300 West Markham			
CITY OR TOWN:	STATE:	CODE	
Little Rock	Arkansas	05	



FOR NPS USE ONLY
ENTRY NUMBER
DATE

SEE INSTRUCTIONS

7. DESCRIPTION

CONDITION	(Check One)					
	<input checked="" type="checkbox"/> Excellent	<input 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

The mill is housed in a wood frame building (c.1869) with a rock foundation and a gambrel roof. The interior is divided by three levels with a store in the front. The first level contains the mill gears and mill box, the second the hopper and buhrs, and the third level is used as a storage area. The framing of the building is constructed of wood which has been hewed, carved, morticed, dovetailed and pegged.

The rotating 1500-pound buhr is powered by a Leffel 40-horsepower vertical water turbine manufactured by James Leffel and company of Springfield, Ohio. This turbine is installed at the base of the "forebay" (a concrete tank) under the mill house. A watergate releases water into the forebay. Originally a series of small metal gates atop the turbine were opened and closed by a level which started and stopped the mill. About 20 years ago these became inoperable and now the turbine is controlled by raising and lowering the watergate in the dam.

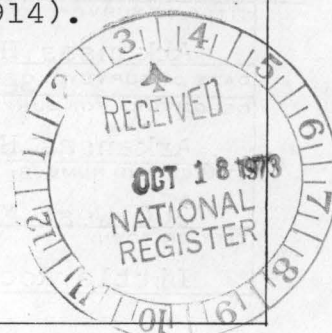
Power is transmitted from the turbine to the buhr stones through two steel shafts. The gearwheel on the turbine shaft is fitted with wooden teeth, originally persimmon but replaced with oak in 1963, pegged into a circular metal frame fitted onto the shaft. The other shaft is equipped with a metal gear. The use of one wood and one metal gear reportedly reduces friction as well as noise.

The major changes in the mill building are the addition of the porch (1918) and the removal of the buhrs for flour milling. The old flour bolter and the two wooden troughs used in flour making are now stored on the mill joists.

Water is supplied by a large spring flowing from a gravel filled seam in the millpond's bottom. The flow measures from three to five million gallons per day.

A log dam at the spring supplied water by means of a flume to an earlier mill (c.1853) about two hundred yards downstream. This dam was replaced by the present rock dam in 1867. Since then a few concrete supports and a layer of concrete on the upper side have been added (c.1914).

SEE INSTRUCTIONS



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)

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 checked="" type="checkbox"/> Architecture | <input type="checkbox"/> Landscape | <input type="checkbox"/> Social/Humanitarian | _____ |
| <input type="checkbox"/> Art | <input type="checkbox"/> Architecture | <input type="checkbox"/> Theater | _____ |
| <input type="checkbox"/> Commerce | <input type="checkbox"/> Literature | <input type="checkbox"/> Transportation | _____ |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Military | | |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Music | | |

STATEMENT OF SIGNIFICANCE

Spring Mill, although presently not operating, is a fully operable, post Civil War grist mill in a state of excellent preservation.

The mill dam was built in 1867 for Anthony N. Simmons by a famed millwright, Col. J. A. Schnabel, whose name and the date of construction are noted on a stone built into the dam. It is believed the mill building was constructed two years later.

Since that time the mill has had a series of owners: James Miller and Thomas B. Roddy, 1871-1873; Jordon James, 1873-1913; C. W. McCrory, 1913-1915; D. R. Headstream, 1915-1917; J. W. Coop, 1917; J. A. Lytle, Sr., 1917-1935; J. A. Lytle, Sr's heirs, 1935-1938; J. A. Lytle, Jr., 1938-present.

The mill remained in operation until the 1960's at which time Mrs. Lytle decided she was too old to run it. She now opens the mill daily for the public's enjoyment and education at no charge.



SEE INSTRUCTIONS

9. MAJOR BIBLIOGRAPHICAL REFERENCES

The Arkansas Democrat, Sunday Magazine Section, November 12, 1967.
Arkansas Historical Quarterly, Vol. XX, No. 2, (Summer 1961), 182-186.
Holcombe, A. E., "Spring Mill," The Independence County Chronicle. Vol. IX, No. 3, (April 1968), 2-17.
Lytle, Mrs. J. A., "Spring Mill," The Ozark Mountaineer, (October 1959), 5.
 Spring Mill, personal interview with Mrs. J. A. Lytle, Jr., mill owner, May 10, 1973.

HB
NO
HTW

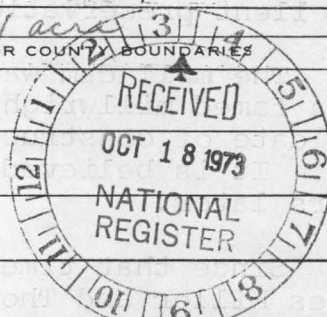
10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE			
	Degrees Minutes Seconds	Degrees Minutes Seconds	Degrees	Minutes	Seconds
NW	35° 49' 46.4"	91° 43' 30.9"	0		
NE	35° 49' 46.4"	91° 43' 19.3"	0		
SE	35° 49' 39.8"	91° 43' 19.3"			
SW	35° 49' 39.8"	91° 43' 30.9"			

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: less than 1 acre

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

STATE:	CODE	COUNTY	CODE



SEE INSTRUCTIONS

11. FORM PREPARED BY

NAME AND TITLE: <u>Edward P. Baxter, Field Historian</u>	
ORGANIZATION <u>Arkansas Historic Preservation Program</u>	DATE <u>5-17-73</u>
STREET AND NUMBER: <u>1023 West Third</u>	
CITY OR TOWN: <u>Little Rock</u>	STATE <u>Arkansas</u>
	CODE <u>05</u>

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 William E. Henderson
 Title Arkansas Historic Preservation Officer

Date October 10, 1973

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

AK Quisenberry
 Director, Office of Archeology and Historic Preservation

Date 3/1/74

ATTEST:
Wm. J. McIntyre
 Keeper of The National Register

Date 3.1.74

The attached National Register Inventory-Nomination form is being returned to your office for clarification of the information indicated below.

1. Name. _____
2. Location. _____
3. Classification. _____
4. Owner of Property. _____
5. Location of Legal Description. _____
6. Representation in Existing Surveys. _____
7. Description. _____
8. Statement of Significance. _____
9. Bibliography. _____
- ☒ 10. Geographical Data. 8 sec. 4 acs.
 - a. Longitude and Latitude Coordinates. Longitude (or Latitude) appears to be off by about _____ . Please check.
 - b. Acreage. Please fill in
11. Form Prepared By. _____
12. Certification. _____
- Photographic Coverage. _____
- Map Coverage. _____
- Other. _____

Clarification or correction of the above items must be made prior to the initiation of our professional review. Correction of these technical errors does not necessarily insure that the nomination will then satisfy the National Register criteria in full.

Thank you for your attention to the above items checked.

SIGNED:

Thanks
Charles H. Hunsley

PROPERTY	Spring Mill		STATE	Ark	71000977
WORKING NUMBER	10.18.73.3818		INDEPENDENCE CO.		
TECH REVIEW	PHOTOS	1			
	MAPS	1			
CONTROL REVIEW	OK Accept as missing. Range & lat. incorrect				cm 10.30 73
HISTORIAN					OK Accept 12-12-73 C.S.
ARCHITECTURAL HISTORIAN					
ARCHEOLOGIST <i>To HAER</i> . POINT OF USEFUL INFORMATION RE 7. DESCRIPTION. The main reason one had metal & wooden gears working together is that if the gears were ever thrown out of whack, the metal gears wouldn't be destroyed. One can imagine what happens when metal meshes with metal. On the other hand, when metal meshes with wood, only the wooden gear teeth would be destroyed. But, even this wasn't crucial because wooden gear teeth were designed so they could be easily replaced.					ACCEPT END 12/13/73
REVIEW UNIT CHIEF MORAL: Its a lot easier to whittle wooden gear teeth than it is to cast a completely new metal gear.					Accept RHC 12/7/73
BRANCH CHIEF					accept catb 1-17-74
KEEPER					Lm 3/1

National Register Write-up	<u>3-20-74</u>	Send-back	<u>1.18.74</u>
Federal Register entry	<u>4-2-74</u>	Re-submit	<u>2.20.74</u>
		Entered	<u>MAR 1 1974</u>

INT: 1538-73



Arkansas, Independence County
Spring

FORM 10-301 A
(6/72)

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)

1. NAME

COMMON

SPRING MILL

AND/OR HISTORIC

James Mill

NUMERIC CODE *(Assigned by NPS)*

MAR 1 1974

2. LOCATION

STATE

Arkansas

COUNTY

Independence

TOWN

Batesville

STREET AND NUMBER

Highway 69, six miles north of Batesville

3. PHOTO REFERENCE

PHOTO CREDIT

Calvin Cotton

DATE

September 1971

NEGATIVE FILED AT

Arkansas
History Commission

4. IDENTIFICATION

DESCRIBE VIEW, DIRECTION, ETC.

South elevation from the southwest corner.



GPO 932-009

PROPERTY OF THE NATIONAL REGISTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARKANSAS
(INDEPENDENCE COUNTY)
BATESVILLE QUADRANGLE
7½-MINUTE SERIES



91° 43' 30.9"
35° 49' 46.4"

91° 43' 19.3"
35° 49' 46.4"

91° 43' 30.9"
35° 49' 39.8"

91° 43' 19.3"
35° 49' 39.8"

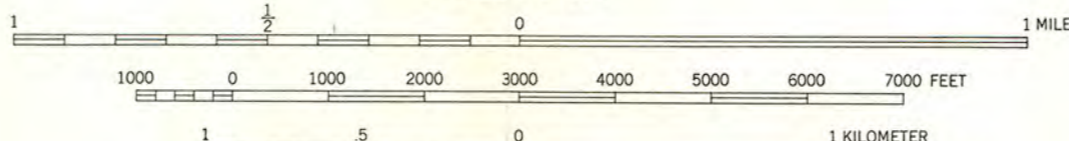


Mapped by the Geological Survey
1942

Landmark buildings only,
shown in the city of Batesville

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1942

SCALE 1:24000



Contour interval 20 feet
Datum is mean sea level

FOR SALE BY U. S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.
AND BY THE ARKANSAS RESOURCES AND DEVELOPMENT COMMISSION, LITTLE ROCK, ARKANSAS
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty ——— 4 LANE 6 LANE Light-duty ———
Medium-duty ——— 4 LANE 6 LANE Unimproved dirt =====
U. S. Route State Route

BATESVILLE, ARK.

N 3545-W 9137.5/7.5

1943

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

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

1. NAME

COMMON

SPRING MILL

AND/OR HISTORIC

James Mill

NUMERIC CODE *(Assigned by NPS)*

MAR 1 1974

2. LOCATION

STATE

Arkansas

COUNTY

Independence

TOWN

Batesville

STREET AND NUMBER

Highway 69, 6 miles north of Batesville

3. MAP REFERENCE

SOURCE

U.S.G.S. 7½ quadrangle
Batesville

DATE

1943

SCALE

1:24,000

REQUIREMENTS: PROPERTY BOUNDARIES, WHERE REQUIRED, AND NORTH ARROW.



ENTRIES IN THE NATIONAL REGISTER

STATE ARKANSAS

Date Entered MAR 1 1974

<u>Name</u>	<u>Location</u>
Ellicott-Meek House	Camden Ouachita County
Spring Mill	Batesville vicinity Independence County
Bragg House	Camden vicinity Ouachita County

Also Notified

Hon. John L. McClellan
Hon. J. W. Fulbright
Hon. Ray Thornton, Jr.
Hon. Bill Alexander, Jr.

State Historic Preservation Officer
Mr. William E. Henderson, Director
Arkansas Dept. of Parks & Tourism
State Capitol - Room 149
Little Rock, Arkansas 72201

Director, Southwest Region

Mott :pl 3.4.74