

United States Department of the Interior
National Park Service

For NPS use only

National Register of Historic Places
Inventory—Nomination Formreceived NOV 25 1986
date enteredSee instructions in *How to Complete National Register Forms*
Type all entries—complete applicable sections**1. Name**

historic Fred W. Kienhoff Barn--Byre and Bluff Barns of Doniphan County (TR)

and/or common Jerry Baker Barn

2. Location

W of Wathena

street & number SW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, S2, T4S, R21E

not for publication

city, town Wathena

☒ vicinity of

state Kansas

code 20

county Doniphan

code 43

3. Classification

Category	Ownership	Status	Present Use	
<input type="checkbox"/> district	<input type="checkbox"/> public	<input checked="" type="checkbox"/> occupied	<input checked="" type="checkbox"/> agriculture	<input type="checkbox"/> museum
<input checked="" type="checkbox"/> building(s)	<input checked="" type="checkbox"/> private	<input type="checkbox"/> unoccupied	<input type="checkbox"/> commercial	<input type="checkbox"/> park
<input type="checkbox"/> structure	<input type="checkbox"/> both	<input type="checkbox"/> work in progress	<input type="checkbox"/> educational	<input type="checkbox"/> private residence
<input type="checkbox"/> site	Public Acquisition:	Accessible	<input type="checkbox"/> entertainment	<input type="checkbox"/> religious
<input type="checkbox"/> object	<input checked="" type="checkbox"/> in process	<input checked="" type="checkbox"/> yes: restricted	<input type="checkbox"/> government	<input type="checkbox"/> scientific
	<input checked="" type="checkbox"/> being considered	<input type="checkbox"/> yes: unrestricted	<input type="checkbox"/> industrial	<input type="checkbox"/> transportation
		<input type="checkbox"/> no	<input type="checkbox"/> military	<input type="checkbox"/> other:

4. Owner of Property

name Jerry Baker et. al.

street & number n/a

city, town Bendena

vicinity of

state Kansas 66008

5. Location of Legal Description

courthouse, registry of deeds, etc. Registry of Deeds

street & number Doniphan County Courthouse

city, town Troy

state Kansas 66087

6. Representation in Existing Surveystitle Doniphan County Cultural Resources Survey
has this property been determined eligible? ☐ yes ☒ no

date 1985

☐ federal ☐ state ☐ county ☒ local

depository for survey records Kansas State Historical Society, 120 W. 10th

city, town Topeka

state Kansas 66612

7. Description

Condition

☐ excellent
☒ good
☐ fair

☐ deteriorated
☐ ruins
☐ unexposed

Check one

☐ unaltered
☒ altered

Check one

☒ original site
☐ moved date _____

Describe the present and original (if known) physical appearance

The Fred W. Kienhoff Barn (ca. 1888) is located on the Jerry M. Baker Farm near Wathena, Kansas (pop. 1,418). The one-story, three-bay, center entrance, vertically planked barn has a partial byre with a limestone foundation and a metal sheathed gable roof. The superstructure is supported by mortised and tenoned, post and beam framing. The barn has an east to west orientation, with the byre built into the south and west embankments. The barn measures forty-five feet from north to south and thirty-three feet from east to west.

Vertically planked, double leaf rolling doors stand in the center bays on the west and east elevations. The doors are flanked by an arched louvered vent on each side. A pent roof, wooden granary projects from the north elevation with an access at the byre level. Two arched, louvered vents pierce the threshing floor level of the south elevation. A gable roof, wooden spring house projects from the southeast corner of the barn. The barn is painted barn.

Originally constructed as a draft animal barn, the building is now used for hay storage. It maintains a high degree of architectural and structural integrity. The significant alteration to the barn has been the replacement of the original roof with a metal roof. This is an alteration common to many of the barns included in this nomination.

8. Significance

Period	Areas of Significance—Check and justify below			
<input type="checkbox"/> prehistoric	<input type="checkbox"/> archeology-prehistoric	<input type="checkbox"/> community planning	<input type="checkbox"/> landscape architecture	<input type="checkbox"/> religion
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> archeology-historic	<input type="checkbox"/> conservation	<input type="checkbox"/> law	<input type="checkbox"/> science
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> agriculture	<input type="checkbox"/> economics	<input type="checkbox"/> literature	<input type="checkbox"/> sculpture
<input type="checkbox"/> 1600-1699	<input checked="" type="checkbox"/> architecture	<input type="checkbox"/> education	<input type="checkbox"/> military	<input type="checkbox"/> social/
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> art	<input type="checkbox"/> engineering	<input type="checkbox"/> music	<input type="checkbox"/> humanitarian
<input checked="" type="checkbox"/> 1800-1899	<input type="checkbox"/> commerce	<input type="checkbox"/> exploration/settlement	<input type="checkbox"/> philosophy	<input type="checkbox"/> theater
<input type="checkbox"/> 1900-	<input type="checkbox"/> communications	<input type="checkbox"/> industry	<input type="checkbox"/> politics/government	<input type="checkbox"/> transportation
		<input type="checkbox"/> invention		<input type="checkbox"/> other (specify)

Specific dates ca. 1888 Builder/Architect Unknown

Statement of Significance (in one paragraph)

The Fred W. Kienhoff Barn (ca. 1888) is being nominated to the National Register as part of the Byre and Bluff Barns of Doniphan County (ca. 1860-1933) nomination under criterion C for its architectural significance. The Kienhoff family immigrated from Prussia to Doniphan County in 1865. Fred W. Kienhoff purchased the land on which the nominated barn stands in 1882 from his father. Constructed for Kienhoff in 1888, the barn is an example of a three-bay, center entrance, parital byre, vertically planked, gable roof and limestone foundation structure with a threshing floor and a hay loft. The Kienhoff family retained ownership of the barn until 1954, when it was purchased by Jerry M. Baker.

The eighteen nominated barns share a common feature in that at least one side of each barn's foundation is embedded in an earthen bank or bluff; the majority of the barns are built into shallow banks, two of the barns are built into bluffs. These vernacular wooden and cement structures span a seventy year construction period and exhibit various masonry foundations, skeletal structures, and superstructures. The byre and bluff barns of Doniphan County are an excellent example of a vernacular form of architecture which was built to take advantage of the hilly topography of the county. These barns are representative of approximately thirty byre and bluff barns identified in a 1984-1985 cultural resource survey of Doniphan County. The remaining barns are too altered and/or deteriorated to be included in this nomination. Most of the nominated barns were constructed for stock and dairy cattle and remain in active use on working farms. The relative rarity of byre and bluff barns in Doniphan County and the high degree of architectural and structural integrity maintained by the nominated barns make this thematic grouping of vernacular agricultural structures extremely significant.

Doniphan County (est. 1855) experienced a substantial population increase in the twenty years following the Civil War, with many settlers moving from Ohio, Pennsylvania, Virginia, and Germany. The barn building traditions brought by these settlers combined with the suitable topography contributed to the building of the byre and bluff barn type in Doniphan County. Most of the nominated barns are three-bay, center entrance, gable roof structures with limestone foundations, a full byre, a threshing floor, and a hay loft. There are groupings of period types, such as the board and batten barns with louvered vents from the 1870s and 1880s, the large, gambrel roof barns from 1910s, 1920s and 1930s, and the gradual transition from post and beam construction to plank framing. In 1891 J. D. Walters of the Kansas State Agricultural College called the byre (bank)/bluff barn an "all-purpose barn of the Kansas farmer" in an article entitled "The Barn," which was published in the Quarterly Report of the Kansas State Board of Agriculture. Walters described the bank barn as follows:

It gives a warm basement for the milk cows and cattle, and an accessible second story for the draught animals—for tools, machines, harness, and grain—and a roomy attic, or loft, for hay, straw, and fodder. In many states this form is objectionable for sanitary reasons, but in the dry

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Item number 8

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climate of Kansas it is preferable to any other, unless there should be an unusually moist ledge directly against or under it...The building should be located so that the basement will be partly in the ground on the north and west, and so that a low embankment, or filling, on these sides will give access to the second story.

While the byre or bluff barn presented a practical solution for Doniphan County's rolling topography, harsh winters, and high winds, it was not the most common solution. The byre and bluff barns built between 1860 and 1933 generally cost from \$2,000.00 to \$3,000.00 and while this may have been cost effective investment, it was an expensive investment. In addition, the higher degree of skilled craftsmanship required to construct a byre or bluff barn as opposed to most barns without foundations also hindered their construction. While the byre and bluff barns of Doniphan County are a sturdy survivor of a barn type built in Doniphan County between 1860 and 1933 they are not prolific, being far outnumbered by more inexpensive, rectangular wooden barns without foundations.

9. Major Bibliographical References

See attached sheet

10. Geographical Data

Acreage of nominated property less than 1 acre

Quadrangle name Atchison-NE

Quadrangle scale 1:24,000

UTM References

A 15 325225 43991410
Zone Easting Northing

B
Zone Easting Northing

C

D

E

F

G

H

Verbal boundary description and justification The nominated property is located on the SW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, S2, T4S, R21E in Doniphan County, Kansas on a tract measuring 53 x 65 feet, whose northeast corner is 14.1 feet directly northeast of the northeast corner of the barn's foundation. Beginning at the northeast corner of the parcel the boundary proceeds 65 feet south, 53 feet west, 65 feet north, and 53 feet east to the point of beginning.

List all states and counties for properties overlapping state or county boundaries

state n/a code n/a county n/a code n/a

state n/a code n/a county n/a code n/a

11. Form Prepared By

name/title Martha Gray Hagedorn, Architectural Historian

organization Kansas State Historical Society

date October 28, 1986

street & number 120 W. 10th

telephone 913-296-5264

city or town Topeka

state Kansas 66612

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

 national state x local

As the designated State Historic Preservation 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.

State Historic Preservation Officer signature 

title Executive Director, Kansas State Historical Society

date October 28, 1986

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

date

Keeper of the National Register

Attest:

date

Chief of Registration

United States Department of the Interior
National Park Service

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BIBLIOGRAPHY—Byre and Bluff Barns of Doniphan County

- Andreas, A. T. History of the State of Kansas. (Chicago: A.T. Andreas, 1883).
- Atlas of Doniphan County, Kansas. (Des Moines, IA: Anderson Publishing: 1927).
- Bird, J.S. Historical Plat Book of Doniphan County, Kansas. (Chicago: J.S. Bird, 1882).
- Doniphan County, Kansas. Deeds, 1860-1933.
- Doniphan County, Kansas. Tax Records and Appraisals, 1860-1933.
- Emmert, D.B. Rural Kansan. (Humboldt, Kansas: November 1873-October 1874).
- Euler and Euler, Attorneys at Law. Abstractors Index for Doniphan County, 1860-1933.
- Everts, L.H. Atlas of Doniphan County. (Philadelphia: L.H. Everts: 1886).
- Gray, P.L. Gray's Doniphan County History. (Bendena, KS: Roycraft Press, 1905).
- Kansas State Board of Agriculture. Biennial Reports, 1875-1900.
- Montgomery, Walter. Illustrated Doniphan County. (Troy, KS: Kansas Chief, 1916).
- Plat Book of Doniphan County, Kansas. (Minneapolis, MN: Northwest Publishing, 1904).
- Radford, William A. Radford's Cyclopedia of Construction, V. 3. (Chicago: Radford Architechtrual Co., 1909).
- Sandehn, Nancy. "Byre and Bluff Barns of Doniphan County, Kansas." (National Register nomination draft, 1986).
- Schultz, Greg. "Barns and Cultural Change in Central Kansas." (Unpublished M. Arch Thesis, University of Kansas, 1983).
- Smith, R.F. Doniphan County, Kansas: History and Directory. (Wathena, KS: Smith, Vaughan, 1869).
- State of Kansas. Census, Population. 1860-1930.
- Walters, J.D. "The Barn," The Quarterly Report of the Kansas State Board of Agriculture. 31 March 1891.

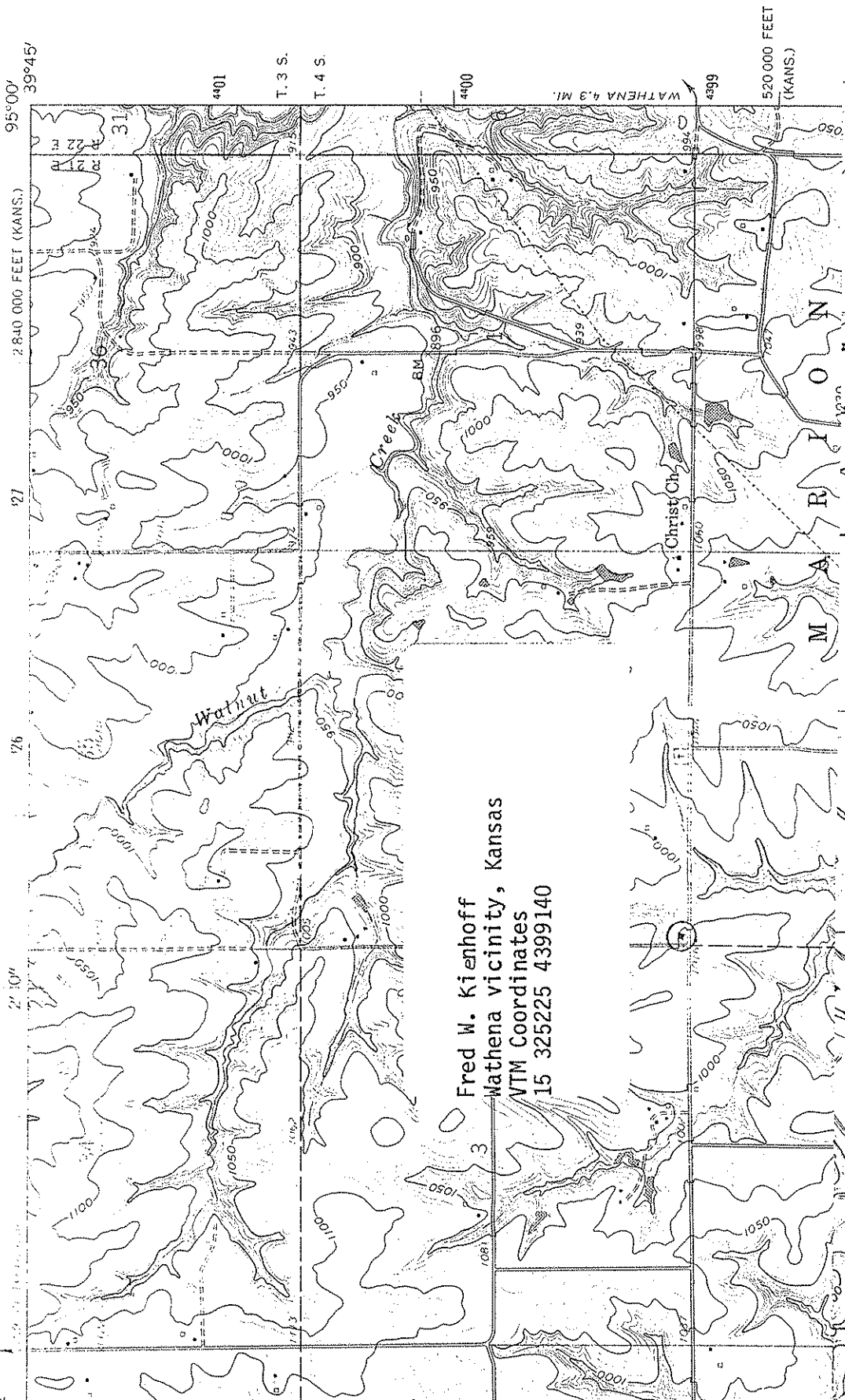
ATCHISON NE QUADRANGLE

KANSAS--MISSOURI

7.5 MINUTE SERIES (TOPOGRAPHIC)

NE/4 ATCHISON 15' QUADRANGLE

1081 IV SW
(WATHENA)



Fred W. Kienhoff
Wathena vicinity, Kansas
VTM Coordinates
15 325225 4399140

WATHENA 4.3 MI.

520 000 FEET
(KANS.)