

United States Department of the Interior
National Park Service

For NPS use only

National Register of Historic Places
Inventory—Nomination Form

received NOV 25 1986
date entered

MAY 7 1987

See instructions in *How to Complete National Register Forms*
Type all entries—complete applicable sections

1. Name

historic George Kinkhead Barn- Byre and Bluff Barns of Doniphan County (TR)

and/or common Chapple Barn

2. Location

off US 36

street & number NE 1/4, SW 1/4, SW 1/4, NE 1/4, S17, T3S, R21E not for publication

city, town Troy 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 type="checkbox"/> N/A in process	<input checked="" type="checkbox"/> yes: restricted	<input type="checkbox"/> government	<input type="checkbox"/> scientific
	<input type="checkbox"/> N/A 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 John Emery and Mary Louise Chapple

street & number N/A

city, town Troy vicinity of state Kansas 66087

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 Surveys

title 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		Check one	Check one
<input type="checkbox"/> excellent	<input type="checkbox"/> deteriorated	<input type="checkbox"/> unaltered	<input checked="" type="checkbox"/> original site
<input checked="" type="checkbox"/> good	<input type="checkbox"/> ruins	<input checked="" 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

The George Kinkhead Barn (ca. 1917) is located on the John Emery and Mary Louise Chapple Farm in Troy, Kansas (pop. 1,240). The one-story, three-bay, center and side entrance, board and batten barn has a full byre with a brick foundation and a metal sheathed gambrel roof. The superstructure is supported by nailed, plank framing. The barn's gable ends have a north to south orientation. The barn measures thirty-six feet from east to west and forty-six feet from north to south. The byre is built into the south and east embankments.

The south elevation is comprised of a center doorway with interior, double leaf, rolling doors on the ground level, flanked by a small doorway on the east. Two 4/4 double hung windows pierce the gable each side of the gable, a small hay track and door stand in the gable's apex.

The east elevation is comprised of a center, double leaf hinged, flap door and several rectangular openings. The north elevation has no details. The west elevation is comprised of a brick byre level, with an access door in the northern end and a ground floor level, pierced by several rectangular openings. The box stalls in the byre still exhibit the names of the draft animals which once were housed there. The barn is painted red.

Originally constructed as a mixed-use barn, the building is now used for 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/ humanitarian
<input type="checkbox"/> 1700–1799	<input type="checkbox"/> art	<input type="checkbox"/> engineering	<input type="checkbox"/> music	<input type="checkbox"/> theater
<input type="checkbox"/> 1800–1899	<input type="checkbox"/> commerce	<input type="checkbox"/> exploration/settlement	<input type="checkbox"/> philosophy	<input type="checkbox"/> transportation
<input checked="" type="checkbox"/> 1900–	<input type="checkbox"/> communications	<input type="checkbox"/> industry	<input type="checkbox"/> politics/government	<input type="checkbox"/> other (specify)
		<input type="checkbox"/> invention		

Specific dates ca. 1917 **Builder/Architect** Unknown

Statement of Significance (in one paragraph)

The George Kinkhead Barn (ca. 1917) 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. Constructed for George Kinkhead, an educator and businessman, the barn is an example of a three-bay, center and side entrance, full byre, board and batten, gambrel roof and brick foundation structure with a full loft. The barn remains in the Kinkhead family.

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 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

9. Major Bibliographical References

See attached sheets.

10. Geographical Data

Acreege of nominated property Less than 1 acre.

Quadrangle name Troy

Quadrangle scale 1:24,000

UTM References

A

1	5	3	2	1	4	9	0	4	4	0	6	5	3	0
Zone			Easting				Northing							

B

Zone			Easting				Northing							

C

Zone			Easting				Northing							

D

Zone			Easting				Northing							

E

Zone			Easting				Northing							

F

Zone			Easting				Northing							

G

Zone			Easting				Northing							

H

Zone			Easting				Northing							

Verbal boundary description and justification The nominated property is located in the NE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$, S17, T3S, R21E in Doniphan County, Kansas on a tract measuring 56 x 66 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 66 feet south, 56 feet west, 66 feet north, and 56 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 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

For NPS use only

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

Beth Grover

date 5/7/87

Keeper of the National Register

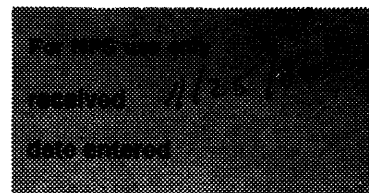
Attest:

date

Chief of Registration

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
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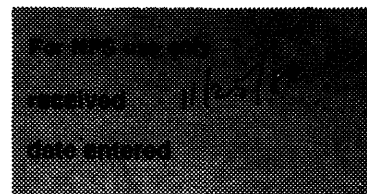
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west, and so that a low embankment, or filling, on these sides will give access to the second story.

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.

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Continuation sheet

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