

STILES-PIGG FARMSTEAD, BARN No. 1
158' northeast of the Stiles-Pigg
Farmstead, Main House
Waxahachie Vicinity
Ellis County
Texas

HABS No. TX-3382-I

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

REDUCED COPIES OF MEASURED DRAWINGS

FIELD RECORDS

HISTORIC AMERICAN BUILDING SURVEY
Southwest System Support Office
National Park Service
P.O. Box 728
Santa Fe, New Mexico 87504

HISTORICAL AMERICAN BUILDINGS SURVEY

STILES-PIGG FARMSTEAD, BARN No. 1

HABS NO. TX-3382-I

Location: 158' Northeast of the Stiles-Pigg Farmstead, Main House

Present Owner: Texas National Research Laboratory Commission
(TNRLC)
1801 N. Hampton Road, Suite 400
DeSoto, Texas 75115

Present Occupant: None

Present Use: Vacant

Statement of

Significance: Barn No. 1 is a component of the Stiles-Pigg Farmstead dates to the late nineteenth century when Ellis County farms were among the most productive sources of cotton in the nation and played key roles in the local cotton trade.

HISTORICAL INFORMATION

A. General Statement:

1. History: This building appears to date from the first quarter of the twentieth century. It is a variation of the Transverse Crib barn. It was built for feed storage and the stabling of livestock and is an example of a traditional plan being used in the construction of farm buildings during the early twentieth century.

ARCHITECTURAL INFORMATION

A. General Statement:

1. Architectural Character: This large two-story barn with shed addition is located 158.0' northeast of the main house and is four bays in width and depth. (See photographic documentation HABS No. TX-3382-I-1 through HABS No. TX-3382-I-8 and HABS drawings, Sheets 1 and 2. Room numbers on the drawings are indicated in parentheses).
2. Condition of Fabric: The barn is in good condition.

B. Description of Exterior:

1. Overall Dimensions: The barn, including the shed addition, measures 50'-4" in width and 36'-1" in depth.
2. Foundations: No foundations exist at the north bay (101, 102). Wood sills on grade are circular-sawn. The south bay (103, 104) and hay manger are supported by piers of board-formed concrete. No foundations support the shed addition (105, 106).
3. Walls: Exterior walls are typically 5 1/4" in thickness and are covered in corrugated metal over 3/8" thick wood drop siding, with a 5 1/2" exposure.
4. Structural System, Framing: The barn is of balloon frame construction with circular sawn, nominal-sized 2"x4" studs, 5 1/4"x7 1/4" columns with 4"x6" compression braces at the first floor, 4"x4" columns at the second floor, 2"x10" floor joists, and 2"x4" rafters on 2"x6" purlins. The shed addition is pole-framed, with unmodified 4" to 8" diameter wood posts.
5. Openings, Doorways: The barn is entered through a doorway located in the east gable end, allowing access to the central bay (100). The south bay (104) is entered through two openings which flank either side of a large wood hay manger. Loading openings for the loft are found in both gable ends (200). Three fixed, four-light wood sash are located in the south and west sides of the barn, to provide light for a crib (103) and a hay drop in the loft (200). They are simply cased at the jambs and heads in 1"x4" and 1"x3" wood trim, and do not have drip caps. The shed addition (105) is open on the south and west sides.
6. Roof: The roof is gabled with a pitch of 7 in 12 and is covered with vee groove metal. The south shed addition has a slope of 2 in 12.

C. Description of Interior:

1. Floor Plans:
 - a. First Floor Plan: The interior of the barn is divided into four bays in width and depth. It consists of a central

bay (100) which is flanked on either side by cribs for feed (101, 102) and tool storage (103). The north crib has been divided into two storage units (101, 102) and the south crib (103) includes a stair that provides access to the loft (200). A large wood hay manger dominates the main floor, is oriented north-south in the south bay (104), and extends into the shed addition (105). The shed addition is open on two sides, and is enclosed on the west end by a small corral (106).

b. Loft Plan: The loft is divided along the length of the south bay into three floors (200, 201, 202). The main loft (200) is dedicated to hay and feed storage, while the adjacent floors (201, 202) supply feed for the hay manger and main floor below, which is transferred through a hay drop and a slotted opening at the northwest corner, respectively.

2. Wall Finish: Interior wall thickness is typically 4 1/4" with a finish of horizontally-laid, 3/4"x7" shiplap sheathing.
3. Flooring: The cribs (100, 101, 102, 103) are floored with 3/4"x5 1/2" tongue and groove, laid east-west. The loft is floored in 3/4"x7" shiplap. The main floor (100), south bay (104), shed addition (105) and corral (106) have earthen floors.
4. Doorways and Doors: Interior entry and loading doors are board and batten and of varying dimension.