

ANDERSON DAIRY RANCH, <sup>DAIRY</sup> ~~ABARN~~  
Frawley ~~Historic~~ Ranch, National Historic Landmark  
Centennial Valley, R. R. 2  
Spearfish Vicinity  
Lawrence County  
South Dakota

HABS No. SD-22-A

HABS  
SD-22-A

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY  
Rocky Mountain System Support Office  
National Park Service  
12795 West Alameda Parkway  
Denver, Colorado 80225-2500

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ANDERSON DAIRY RANCH, DAIRY BARN  
Frawley Historic Ranch, National Historic Landmark

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Location: Approximately 2.6 miles west of Whitewood, South Dakota, immediately south of Interstate 90.

Present Owner: Frawley Ranch, Inc.  
R. R. 2  
Spearfish, SD 57783

Present Use: Vacant

Significance: The barn, along with the springhouse and house, shows a continuity in the use of native cut stone and is an excellent example of rural architecture.

Part I. Historical Information

A. Physical History:

1. Date of Erection: Ca. 1888
2. Architect: Not Known
3. Owners: James Anderson
4. Builder, Contractor, Supplies: The builder and contractor are unknown. The stone was obtained from a quarry located to the north of the ranch. The wood was cut from trees on the ranch.
5. Original plans and construction: The barn, as shown on an Ca. 1888 photograph, was constructed of native limestone walls and a wood shingle roof.
6. Alterations and additions: Over a period of time, the walls have deteriorated, some to the point of collapse. At an unknown time, a wood framed wall system was installed on the second story of the south elevation below the gable hipped roof. At the time of taking recordation field measurements, the owner was reconstructing the north wall below the hipped gable roof. The first floor of the wall was reconstructed using 8" concrete block with a cut stone veneer. The second floor of the wall was being constructed using wood studs.

B. Historical Context: The cut stone barn was constructed to replace an earlier log barn (Ca. 1877). The barn was used as a milking parlor, as a stable for the work horses and to store hay. The Dairy Ranch, according to some records, maintained a herd of one hundred twenty-five dairy cows. As the milking was done by hand, it took a crew of milkers for this daily chore. Therefore the barn was a critical component in the operation of the Dairy Ranch.

## Part II. Architectural Information

### A. General Information

1. Architectural Character: The barn is of architectural merit based on the integrity of its form and massing which make it an excellent example of rural architecture.
2. Condition of Fabric: The deteriorating walls have been stabilized or reconstructed except for the west elevation at the hipped gable roof.

### B. Detailed Description of Exterior

1. Overall Dimensions: The overall dimensions of the "L" shaped floor plan are 71'-0" x 61' 0".
2. Foundations: Foundations constructed of native limestone of loose rubble with minimum depth below grade.
3. Walls: The walls are a combination of cut stone and wood. The stone walls are constructed of native limestone, double wythe in uncoursed rough pattern. The second floor elevation at the south hipped gable roof is constructed of wood studs, 1" thick sheathing boards and rolled asphalt sheets.
4. Structural System, framing: The walls are load-bearing stone walls. The second floor structure is supported by rows of wood columns and beams. The second floor consists of 2 x 6 joist 36" on center and 1" thick floor boards. The roof is constructed of 2 x 6 rafters 36" on center and 1" thick sheathing boards. The rafters are notched at the exterior wall and rest on two 2 x 8 boards that set on top of the stone walls.
5. Openings:
  - a. Doorways and doors: The doors, which vary in size, are located on the north and south elevations. The frames are 2 inch dimensional lumber of varying depths with wood panel doors.
  - b. Windows: The frames are 2 inch dimensional lumber of varying depths with wood sash.

6. Roof:

- a. Shape: The corrugated sheet metal roof is a jerkinhead or hipped gable with an 8 inch vertical by 12 inch horizontal slope.
- b. Eaves: The eaves are constructed of exposed rafter tails and sheathing boards.
- c. Dormer: A single gable end dormer is located on the east elevation on the second floor.

C. Description of Interior

1. Floor plans: The first floor is "L" shaped and contains two rooms. The larger room runs north and south. The smaller room extends to the west. A stone wall separates the two rooms. The second floor is an "L" shaped hay loft.

2. Stairways: None.

3. Flooring: Dirt.

4. Wall and Ceiling finish: The walls are exposed native limestone with wood lifts 4'-0" on center. The ceilings are exposed 2 x 6 joist and rafters with 1" rough sawn boards.

5. Openings:

a. Doorways and doors: There is one doorway located between the first floor rooms.

b. Windows: There is no interior trim.

6. Hardware: The original hardware, which consists of door hinges and latches, was made by a local blacksmith.

Part III. Source of Information

A. Architectural Drawings: None Available.

B. Early Views: Two early photographs of the Ranch exist, both are included (See HABS No. SD-22-2 and HABS No. SD-22-3). The photographs were obtained from Henry Frawley III. The earlier photograph, Ca. 1877, shows the original Dairy Ranch Complex. The later photograph, Ca. 1888, shows the existing stone home and barn.

C. Interviews: Henry Frawley III was interviewed September 29, 1998 at the Frawley Ranch House. He is the grandson of Henry Frawley, Sr., and Catherine Anderson Frawley.

D. Bibliography:

National Historic Landmark Condition Assessment Report, Frawley Ranch, Anderson Dairy Ranch, Spearfish, South Dakota, 1990-1991.

Field Notes, sketches and photographs taken by Spencer and Sharon Ruff, September 28 and 29, 1998.