

ANDERSON DAIRY RANCH, SPRINGHOUSE  
Frawley Historic Ranch, National Historic Landmark  
Centennial Valley, R. R. 2  
Spearfish Vicinity  
Lawrence County  
South Dakota

HABS No. SD-22-C

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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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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 springhouse, along with the barn and house, show 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: No documentation is available.
6. Alterations and additions: Alterations to the springhouse include new corrugated metal roof, concrete floor, cooler boxes and hydraulically applied concrete coating applied to the inside of the stone walls. The original watering troughs were replaced about thirty years ago.

B. Historical Context: The cut stone springhouse replaced an earlier wood framed structure (Ca. 1877). The spring was used to cool the dairy products in the warm months and keep them from freezing in the winter. Therefore the springhouse was a critical component in the operation of the Dairy Ranch.

## Part II. Architectural Information

### A. General Information

1. Architectural Character: The springhouse is of architectural merit based on the integrity of the original construction and is an excellent example of rural architecture.
2. Condition of Fabric: The concrete coating may be trapping water on the interior of the stone walls causing damage to the wall. The extent of damage, if any, can be determined by removal of a portion of the concrete coating.

### B. Detailed Description of Exterior

1. Overall Dimensions: The overall dimensions of the "L" shaped floor plan are 24'-11" x 27'0".
2. Foundations: Foundation constructed of native limestone of loose rubble with minimum depth below grade.
3. Walls: Stone walls constructed of native limestone, double wythe in uncoursed rough pattern.
4. Structural System, framing: The walls are load-bearing stone walls. 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 one 2 x 8 board that sets on top of the stone walls.
5. Chimneys: Two wood framed ventilation are located on the main ridge line.
6. Openings:
  - a. Doorways and doors: A single door is located on the north elevation. The frame is 2 inch dimensional lumber of varying depths and the door is constructed of wood.
  - b. Windows: The frames are 2 inch dimensional lumber of varying depths with wood sash with the exception of the south window sash which is metal.
7. Roof:
  - a. Shape: The corrugated sheet metal roof is a 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. Description of Interior

1. Floor plans: The first floor is "L" shaped and contains two rooms. The larger room runs east and west. The smaller room, which contains the spring pond, extends to the south. A stone wall separates the two rooms.

2. Flooring: The floor is concrete in the larger room and limestone slabs in the spring pond.

3. Wall and Ceiling finish: The Wall and Ceiling finish is applied concrete coating.

4. Openings:

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

b. Windows: There is no interior trim.

5. Hardware: The hardware is modern.

Part III. Source of Information

A. Architectural Drawings: None Available.

B. Early Views: No documentation is available for the springhouse. The original spring and stock pond are shown on the Ca. 1877 photograph (See HABS No. SD-22-2).

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.