

Office of State Engineer
DOCUMENT FILE

Full River Co

Received by Post Oct. 25, 1927

18. ? An fl. appropriated

My Dear

Form 24A

CERTIFICATE OF CONSTRUCTION OF WORKS

and
APPROPRIATION

LD-5D-1 Job No. 225-25
Name of Project

U. S. Water Right No. 202

White River Water District

TO ALL WHOM IT MAY CONCERN:

This is to Certify, that the United States of America, Department of Agriculture, Reclamation Administration, has complied with the

State Laws and has been issued a withdrawal No. US 202 bearing date of October 25, 1937, withdrawing from further appropriation 13.5 acre-

feet per annum of water for storage, of the waters of draw in the Stream, County of Fall River, State of South Dakota, at a point S. 6°25'W.

712' from the E. Cor. Sec. 33, T.11S., R.9E.

for Stock Water purposes;

has fully complied with the provisions of the laws of the State of South Dakota relating to completion of the works set out and described in

Section 61.0137, that said works are completed in accordance with information filed in the office of the State Engineer, and 18.8 acre-foot

per year is thereby appropriated for the above purposes bearing date of priority of October 25, 1937.

Witness my hand this 13th day of September 1939.

State Engineer.

Form A

CERTIFICATE OF WITHDRAWAL
of
WATER FOR APPROPRIATION
to the
UNITED STATES OF AMERICA
DEPARTMENT OF AGRICULTURE
RESETTLEMENT ADMINISTRATION

Withdrawal No. U.S.282

LD-SD-1 Job No. 226-26

Name of Project

Fall River

County

Water Division No.2

White River Water District

Dry Draw

Source of Appropriation-Stream

The United States of America, Department of Agriculture, Resettlement Administration, having filed Notice of Intention to utilize certain heretofore unappropriated public waters of the State of South Dakota, in accordance with the requirements of the statutes of the State of South Dakota, such statutes and authority being contained in Section 61.0137 1939 Revised Code of South Dakota, now therefore:

This is to certify that there is hereby reserved, of the heretofore unappropriated waters of White River District, the annual amount of 18.4 acre-feet of water to maintain storage in No. 25 reservoir created by damming said stream at a point described as follows: S. 16° 25' N., W. 71° 12' E. feet distant from the SE Corner of Section 35, Township 115, Range to North and The purpose of such storage is for Stock Water (of dam

This is to certify that there is hereby reserved, of the heretofore unappropriated waters of White River District, a maximum of 75 cubic feet per second to be diverted through the Stock ditch, canal or pipe line at a point located on the SE bank 75 feet distant from the SE Corner of Section 35, Township 115, Range to North and for the purpose of Stock Water during the months of June, July, August, September, October, November, December

This certificate and withdrawal shall in no manner prejudice, alter, amend or affect the rights of any prior appropriator or prior appropriation of water, nor of any application for appropriation pending on the date of this certificate, but the rights and privileges of any and all such prior appropriators or applicants for appropriation of water shall remain inviolate and intact, the same as if the within withdrawal had not been made.

This certificate shall be and is subject to cancellation in accordance with the provisions of the statutes heretofore referred to and under the authority of which this certificate is issued.

In accordance with the provisions of the statutes heretofore referred to, this certificate is executed at the State Capitol at Pierre, South Dakota, this 25th day of October 193 7.

State Engineer

RA-7LU-28

DESCRIPTION OF EARTH IMPOUNDING DAM
RESERVOIR AND SPILLWAY DAM NO. 226

JOB NUMBER 226 - 25

Resettlement Administration
Lincoln, Nebraska

Region VII

Project South Dakota
State

ID-SD-1
Number

A. Location of Dam and Reservoir Tract 3243

SE 1/4 of the Sec. 33; Township 11 S; Range 9 E;
of the Black Hills Meridian; County Fall River.

B. General Data

1. Area of drainage basin above dam: 0.5 sq. miles.

(Note: For areas greater than 5 sq. miles give size to nearest sq. mi.;
for areas smaller than 5 sq. miles give area to nearest tenth.)

2. Average annual precipitation on water shed in inches: 19.81

3. Give amount of rainfall in inches and duration of the heaviest downpour,
that can be expected based upon reliable records or information of the
vicinity.

a. 4.88 inches.

R =

O =

b. 24 hrs. minutes.

S =

c. U. S. Weather Bureau Records

N =

Source of information.

4. Give description of water shed.

a. The slopes are ~~sod-covered, cultivated, bare.~~

Clean grass slopes - 15'/1000' slopes.

(Note: Answer (a) by striking out words not needed. Only a general
description is wanted. If desired, a word or two may be given
in the space that is provided.)

b. Average length of drainage basin 1.0 miles.

c. Average width of drainage basin 0.5 miles.

5. Maximum run-off of drainage area at the dam site: 74.0
cu. ft. per second.

(over)

C. Description of Dam

1. Height above low point of valley at centerline of dam: 18.8 ft.
2. Length along centerline at top of dam: 459.8 ft.
3. Width of top: 10.0 ft.
4. Upstream slope: 4 ft. horizontally to 1 ft. vertically.
5. Downstream slope: 3 ft. horizontally to 1 ft. vertically.
6. Volume in embankment: 9872 cu. yds.
7. Distance above high-water line to top of dam: 6 ft.
8. Distance above water surface to top of dam when spillway is discharging maximum run-off: 2.5 ft.

D. Description of Spillway

1. Bottom width: 25 ft.
2. Slope of sides: 1.5 : 1 (Give ratio horizontal to vertical.)
3. Gradient of spillway ditch: 0.1 ft. per hundred ft.
4. Maximum discharge: 271.05 cu. ft. per second.
5. Depth of water in spillway at time of maximum discharge: 3.5 ft.

(Note: The surface of water in the spillway must be at least 50" below the top of the dam when the spillway is discharging the maximum run-off of the drainage basin.)

E. Description of Reservoir

1. Area when filled to level of spillway: 3.9 acres.
2. Area when half-full: 1.1 acres.
3. Area at depth of two feet: 0.13 acres.
4. Volume when filled to level of spillway: 18.8 acre-ft.
5. Volume when half-full: 2.8 acre-foot.
6. Volume at depth of two feet: 0.1 acre-foot.
7. Average depth when full: 6.4 foot.

(6.4r)

4. LOCATION NOTICE

KNOW ALL MEN BY THESE PRESENTS:

That Oscar Hormes, Project Manager, Pad Land - Fall River Land Adjustment Project, Resettlement Administration, U. S. Department of Agriculture, whose post office is Rapid City, South Dakota, a citizen of the United States, above the age of 21 years, being in possession of the following described land in the name of the United States, to wit:

Tract 3243 SE¹ and SW¹_{NE¹}
 _____, Section 33, Township 11 S,
 Range 9 E, B. H. M., in Fall River County, South Dakota,
 Availing him self of the right granted him under the provisions of Chapter 2,
 Article 1, Paragraph 8239 of the Revised Code of 1919, has located and claims the
 right to construct a certain dam across a dry draw situated in the NE of the
SE ¹/₄ of section 33, township 11 S, range 9 E, B.H.M., for Live
 Stock Purposes.

Said locator claims for the above purpose 818928 cubic feet of water plus losses due to annual evaporation during the following described annual periods January 1st to December 31st, inclusive, each year.

Said location was made on the 3rd day of April, 1936.

Witness my hand and seal this 30th day of June, 1957.

Locator, Project Manager
Resettlement Administration,
U. S. Department of Agriculture

STATE OF SOUTH DAKOTA)
) ss
County of Pennington)

On the 30th day of June, 1937, before me

_____ K. K. Cannon _____ a Notary Public in and
for the County and State aforesaid, personally appeared Oscar Hermstad, Project
Manager to me personally known to be the person who executed the
foregoing instrument and acknowledged that he executed the same for the use and
purposes therein set forth.

Witness my hand and official seal the day and date above written.

My Commission Expires:
July 10, 1939.

Notary Public

RECEIVED

OCT 26 1937

OFFICE OF STATE ENGINEER
PIERRE, S. DAK.

PETITION

TO DEAN W. LOUCKES
STATE ENGINEER
STATE OF SOUTH DAKOTA
PIERRE, SOUTH DAKOTA

Comes now Oscar Hormstad, Project Manager, Bad Lands - Fall River Land Adjustment Project, Resettlement Administration, U.S. Department of Agriculture, whose post office is Rapid City, South Dakota, a citizen of the United States, above the age of 21 years, being in possession of the following described land in the name of the United States, being desirous of obtaining a certificate from the State Engineer in accordance with Sec. 8239, Revised Code of the State of South Dakota, so petitions the State Engineer to wit:

In support of said petition, your affiant deposes and says:

(1) That notice of appropriation, copy of which is hereto annexed and made a part of this petition was posted under date of July 15, 1937, and recorded under date of September 7, 1937.

(2) That the dam referred to in said notice was completed under date of June 20, 1938.

(3) That said dam is 450.8 feet in length and 18.8 feet in height.

(4) That said dam is located upon the land described as follows:

NE 1/4 of Section 33, Twp 11 South, Rge 9 East,
B.H.M., Fall River County, South Dakota.

(5) That said land is to be used for Stock Water purposes.

Wherefore your affiant respectfully requests that a certificate be issued to him in accordance with the law in such case made and provided.

FOR HENRY A WALLACE

SECRETARY USDA

Subscribed and sworn to before me this 23rd day of Sept, 1937.

J. S. Hansen
Notary Public

My commission expires: July 10, 1939.

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OCT 25 1937

SECRETARY

OFFICE OF STATE ENGINEER

W. B. DAK

(2) This certificate is to be used for the purpose of showing that the applicant has complied with the provisions of the law relating to the construction of bridges over navigable waterways.

SECTION 22, CHAPTER 10, ACT OF 1934

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SECTION 22, CHAPTER 10, ACT OF 1934

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(1) This certificate is to be used for the purpose of showing that the applicant has complied with the provisions of the law relating to the construction of bridges over navigable waterways.

SECTION 22, CHAPTER 10, ACT OF 1934

WITH 300' CLEAR SPACE TO EACH SIDE OF THE BRIDGE AND A CLEAR SPACE OF 100' TO EACH END OF THE BRIDGE.

SECTION 22, CHAPTER 10, ACT OF 1934

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