

No. *U1567-2*

**Office of State Engineer
DOCUMENT FILE**

Dept Agw Forest Service

10,0275-411

In 22778R3E

CERTIFICATE OF CONSTRUCTION OF WORKS

and

APPROPRIATION

North Basin Reservoir

567-2

Fall River

Name of Project

U. S. Water Right No. _____

_____ Water District

TO ALL WHOM IT MAY CONCERN:

Agriculture, Forest Service

This is to Certify, that the United States of America, Department of

US 567

, has complied with the

August 23, 1940

State Laws and has been issued a withdrawal No. _____

bearing date of

0.0275

North Basin Canyon

acre-

withdrawing from further appropriation _____

Fall River

feet per annum of water for storage; of the waters of _____ a point S. 45 18' E.,

Stream

2066 ft. distant from the N. W. Cor. Sec. 22 T. 7S. R. 3E.

County of _____, State of South Dakota, at _____

livestock, domestic, fire protection, fish culture, recreation, irrigation

for _____ 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

010285

Section 61.0137, that said works are completed in accordance with infor-

mation filed in the office of the State Engineer, and _____ acre-feet

August 23, /40

per year is thereby appropriated for the above purposes bearing date of

priority of _____ 27th _____ 193 _____ November /40

Witness my hand this _____ day of _____ 193 _____.

State Engineer.

WITHDRAWAL NO. US 567Water Division No. 2Fall River Water District

CERTIFICATE OF EXAMINATION OF WORKS

Report of Examining Engineer

Date November 20, 1940By M. E. VonSegerernNorth Easin Reservoir
Project Name and NumberNorth Easin Canyon
Source of Appropriation
(Stream)

To the State Engineer, Pierre, South Dakota:

Dear Sir: I hereby certify that in accordance with your letter of authorization dated October 10 1940, I have made a thorough examination of North Basin reservoir, ditch, or pipe line constructed by the United States of America, Department of Agriculture, Forest Service, Region 2, Denver, Colorado, holder of withdrawal No. US 567 issued upon Notice of Intention bearing date August 19 1940, authorizing the withdrawal from further appropriation of 0.0275 acre feet, or second feet of the waters of North Easin Canyon, tributary of Red Canyon for livestock, fish culture, domestic, fire protection, recreation and irrigation purposes. I have to report on the condition of the same as follows:

The impounded and diversion works comprise:

Dam: Type	<u>Earth</u>	Foundation	<u>Earth</u>
Size: Max. Length	<u>50'</u>	Maximum height to spillway flow line	<u>2.5'</u>
Section: Upstream slope	<u>2:1</u>	Freeboard	<u>0.5'</u>
Downstream slope	<u>1:1</u>		
Top width	<u>6'</u>		
Yardage (Approx.)	<u>100 cu. yds.</u>		
Reservoir: Area Normal Pool Level	<u>0.005</u>		<u>acres</u>
Capacity	<u>0.0125</u>		<u>acre feet</u>
Nature of Shore line	<u>Grassy, medium slopes</u>		
Spillway: Type	<u>Open channel</u>	Location	<u>Left end</u>
Width	<u>10'</u>	Depth	<u>1'</u>
Capacity	<u>12</u>		<u>cubic feet per sec.</u>
Cutlet: Size	<u>None</u>	Control	
Location			
Ditches: Open Earth		Open rock	
Pipe		Length	
Section		Capacity	
Location or as shown on plans			

The system is in the following condition: Fair

The outlet of the reservoir or the point of diversion of the ditch, canal or pipe line is located S. 45° 13' E., 2056 feet distant from the W 1/2 Corner of Section 22 Township 7 S. Range. 3 E.

The works are capable of utilizing 0.0275 acre-feet of water annually or second-feet of water.

The legal subdivisions to be irrigated are _____

comprising a total of _____ acres of land.

The domestic and stockwater uses comprise household purposes, water for livestock, fire protection and irrigation.

The utilization for Public recreational, game and fish propagation and fire protection comprises bathing, rearing fish and water supply for fire fighting equipment.

The project was completed July 12, 1935

Witness my hand, this 20th day of November A.D. 19 40.

M. E. Von Seggern
Examining Engineer

Profile Centerline Spillway
Station 0+00 0+33 0+40
Fall 00 1.0 2.3

LETTER OF AUTHORIZATION
for
Inspection

October 10, 1940

H. E. Von Seggern.Custer, South DakotaNorth Basin Reservoir
Name of Project
Water Division No. 2
Ball River Water District
North Basin Canyon
Source of Appropriation
(Stream)

Dear Sir:

The United States of America, Department of Agriculture, Forest Service, Denver, Colorado, having filed "Notice of Intention" to utilize certain specified waters of the State, and there having been issued a withdrawal from further appropriation as provided in Section 61.0137, 1939 Revised Code of South Dakota and identified as Withdrawal No. US 507, on North Basin Canyon (stream) County of Ball River on the Harney National Forest, has informed this office that the construction for the diversion, storage, appropriation and application of water to beneficial use has been fully completed and is ready for examination.

You are, therefore, hereby authorized to arrange with the holder of said withdrawal for an examination of the North Basin reservoir,

ditch, or pipe line constructed and owned by the United States of America, Department of Agriculture, Forest Service, on the Harney National Forest and also an inspection to determine the amount of water stored and applied to beneficial use.

In this examination you will ascertain whether or not the constructed works comply fully with the plans submitted and are capable of using quantities of water as set forth in the "Notice of Intention", and give in complete form all the information which is suggested by the statements in the Certificate of Inspection which is herewith enclosed, in the attached instructions, and such other information as will enable the State Engineer to act intelligently and judiciously in the matter of determining the status of completion of the projects.

You should also arrange with the holder of the withdrawal for the payment of your fee for this service and such proper expenses as you incur in making this examination and report and taking the testimony.

Very truly yours,

State Engineer.

FORM 17A

WITHDRAWALS No. U.S. 567

North Basin Reservoir
Name of Project

Water Division No. 2

Fall River Water District

NOTICE OF COMPLETION OF WORKS

P.O. Denver, Colorado

Date October 3, 1940

TO THE STATE ENGINEER OF SOUTH DAKOTA, PIERRE:

Dear Sir: Notice is hereby given of the completion of the construction of North Basin reservoir, ditch, or pipe line constructed and owned by the United States of America, Department of Agriculture, Forest Service on the Harney National Forest. The project provides for the diversion and storage or direct diversion of quantities of water as shown on the plans and reports submitted and the project has been completed in accordance with the said plans and reports, terms and conditions of withdrawals heretofore issued by the State Engineer of the State of South Dakota or as shall be hereafter reported by the Examining Engineer.

1. The proper name of the Federal Agency holding said withdrawal is United States of America, Department of Agriculture, Forest Service.
2. The name and postoffice address of the proper corresponding official for said Federal Agency is Regional Forester, Denver, Colorado.
3. The project is located in SW 1/4 of Section, 22, Township 7 S., Range 3 E.
4. Said water to be used for livestock, fish culture, domestic, fire protection, recreation and irrigation purposes.
5. The amount of water which said completed works are capable of impounding or conducting to the place of intended use is as shown by information previously submitted or as shall be hereafter reported by the Examining Engineer M. E. Von Seggern.
6. The amount of land for which said water is available is _____ acres, particularly described as follows: _____

I hereby certify that the facts set forth in the above notice are true.

James L. Brownlee
JAMES L. BROWNLEE
Assistant Regional Forester
Division of Engineering

FORM A

CERTIFICATE OF WITHDRAWAL
of
WATER FOR APPROPRIATION
to the
UNITED STATES OF AMERICA
DEPARTMENT OF AGRICULTURE
FOREST SERVICE.

U. S. No. 557

North Basin Reservoir

Name of Project

Fall River

County

Water Division No. 2

Fall River Water District

North Basin Canyon

Source of Appropriation - Stream

The United States of America, Department of Agriculture, Forest Service, 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 North Basin Canyon, the annual amount of 0.0275 acre-feet of water to maintain storage in North Basin reservoir created by damming said stream at a point 3.45 - 18'E. 2056 feet distant from the W. Corner of Section 22, Township 7S. Range 3E. The purpose of such storage is irrigation, fish culture, domestic, fire protection, recreation and irrigation.

This is to certify that there is hereby reserved, of the heretofore unappropriated waters of _____ a maximum of _____ cubic feet per second to be diverted through the _____ ditch, canal or pipe line at a point located on the _____ bank _____ feet distant from the _____ Corner of Section _____, Township _____ Range _____ for the purpose of _____ during the months of _____.

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 existing 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 hereinbefore referred to and under the authority of which this certificate is issued.

In accordance with the provisions of the statutes hereinbefore referred to, this certificate is executed at the State Capitol at Pierre, South Dakota, this 23rd day of August 1970.

State Engineer

E
WATER RESOURCES
Water Rights

NOTICE OF INTENTION
to the
STATE ENGINEER
of the
STATE OF SOUTH DAKOTA

RECEIVED
1940

OFFICE OF STATE ENGINEER
PIERRE, S. DAK.

North Basin Reservoir Project

Denver, Colorado.

Harney National Forest
South Dakota

August 19, 1940.
Date

Notice of Intention to divert, store and appropriate water for beneficial uses from certain streams in South Dakota by the United States of America, Department of Agriculture, Forest Service.

The United States of America, Department of Agriculture, Forest Service, through its officers duly appointed to administer the National Forests in South Dakota, hereby notifies the State Engineer of South Dakota of its intentions to appropriate, by construction, diversion, storage and beneficial use, the unappropriated public waters of South Dakota, under Section 61.0137 of the 1939 Revised Code of South Dakota. Application is hereby made for the withdrawal of certain unappropriated public waters of the State of South Dakota in an amount sufficient to maintain storage.

North Basin Reservoir, or to satisfy the requirements of the

ditch, canal or pipe line,

and the following information is furnished:

1. Representative of the United States of America authorized to act in procurement of water rights.

Ans. Regional Forester, United States Department of Agriculture,
Forest Service, Region 2, Denver, Colorado.

2. Name of intending appropriator.

Ans. United States of America, Department of Agriculture, Forest
Service.

3. Name and address of agency representing intending appropriator.

Ans. United States Department of Agriculture, Forest Service, Region
2, Denver, Colorado.

4. Name of reservoir, ditch, canal or pipe line.

Ans. North Basin Reservoir

5. County in which water is to be diverted, stored and appropriated.

Ans. Fall River County

6. Name of stream from which water is to be diverted, stored and appropriated.

Ans. North Basin Canyon, tributary Red Canyon

7. The outlet of the reservoir or the point of diversion of ditch,

canal or pipe line is located S45°-18'E 2056 feet

distant from the W $\frac{1}{2}$ Corner of Section 22 Township 7S
Range. 3E.

8. Uses to which water directly diverted or diverted and stored, is to be put.

Ans. Livestock, fish culture, domestic, fire protection, recreation,
irrigation

9. The available capacity of reservoir in acre feet.

Ans. 0.0125 acre ft.

10. The carrying capacity of ditch, canal or pipe line in cubic feet per second.

Ans.

11. Acre feet of water to be appropriated annually for diversion and storage in reservoir.

Ans. 0.0275 acre ft.

12. Cubic feet of water per second to be appropriated for direct diversion by ditch, canal, or pipeline.

Ans.

13. Location of lands to be irrigated.

Ans.

14. Class of plans accompanying "Notice of Intention".

Ans. Standard plans

C. D. Cochran
Acting Regional Forester