

No. *U.S. 545-1*

**Office of State Engineer
DOCUMENT FILE**

Dept. of Agr. Forest Service
.09 cu ft
Sec 20, T 5 N R 5 E

Form 24B

CERTIFICATE OF CONSTRUCTION OF WORKS

and

APPROPRIATION

U. S. Water Right No. 545-1

Deadman Pipe Line No. 1

Lawrence County

Name of Project

Belle Fourche Water District

TO ALL WHOM IT MAY CONCERN:

This is to Certify, that the United States of America, Department of Agriculture, Forest Service, has complied with the State Laws and has been issued a withdrawal No. US 545 bearing date of May 25, 1940 withdrawing from further appropriation a maximum of .09 cubic feet per second of water to be diverted through the Deadman Pipe Line No. 1 ditch, canal or pipe line at a point located on the bank Deadman Spring No. 1 S. 37 10' W., 2602 feet distant from the NE Corner of Section 20 Township 5N Range 5E for the purpose of domestic, livestock, fire protection and irrigation during the months of annually, has fully complied with the provisions of the laws of the State of South Dakota relating to completion of the works as 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 a maximum amount of .09 cubic feet per second during the period of annually is thereby appropriated for the above purposes bearing date of priority of May 25, 1940.

Witness my hand this 2nd day of December 1940.

State Engineer

WITHDRAWAL NO. U.S. 545Water Division No. 1Belle Fourche Water District

CERTIFICATE OF EXAMINATION OF WORKS

Report of Examining Engineer

Date October 9, 1940
By M. E. Von SeggernDeadman Pipe Line No. 1
Project Name and NumberDeadman Spring No. 1
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 September 20 1940 I have made a thorough examination of Deadman Pipe Line No. 1 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 545 issued upon Notice of Intention bearing date May 22 1940, authorizing the withdrawal from further appropriation of acre feet, or .09 second feet of the waters of Deadman Spring No. 1, tributary of Deadman Gulch for livestock, domestic, fire protection and irrigation purposes. I have to report on the condition of the same as follows:

The impounded and diversion works comprise:

Dam: Type Foundation
 Size: Max. Length Maximum height to spillway flow line
 Section: Upstream slope Freeboard
 Downstream slope
 Top width
 Yardage (Approx.)
 Reservoir: Area Normal Pool Level acres
 Capacity acre feet
 Nature of Shore line
 Spillway: Type Location
 Width Depth
 Capacity cubic feet per sec.
 Outlet: Size Control
 Location
 Ditches: Open Earth Open rock
 Pipe Iron Length 200'
 Section 2" dia. Capacity .09 c.f.p.s.
 Location or as shown on p.l. is

The system is in the following condition: Good

The outlet of the reservoir or the point of diversion of the ditch,
canal or pipe line is located S. 37° 10' W. 2602
feet distant from the NE Corner of Section 20 Township 5 N.
Range. 5 E.

The works are capable of utilizing _____ acre-feet of water
annually or .09 second-foot 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 _____

The project was completed before May 1, 1940

Witness my hand, this 9th day of October A.D. 19 40.

W. E. Van Leusen
Examining Engineer

LETTER OF AUTHORIZATION
for
Inspection

September 20, 1940

M. E. Von SengelCuster, South Dakota

Deadman Pipe Line No. 1
Name of Project
Water Division No. 1
Belle Fourche Water District
Deadman Spring No. 1
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. U.S. 545, on Deadman Spring No. 1 (stream) County of Lawrence on the Black Hills 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 Deadman Pipe Line No. 1 reservoir, ditch, or pipe line constructed and owned by the United States of America, Department of Agriculture, Forest Service, on the Black Hills 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 judicially 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. US 6

RECEIVED
FORM 17A
JUL 13 1940

Deadman Pipe Line No. 1

Name of Project

OFFICE OF STATE ENGINEER
PIERRE, S. DAK.

Water Division No. 1

Elle Fourche Water District

NOTICE OF COMPLETION OF WORKS

P.O. Denver, Colorado

Date August 20, 1940

TO THE STATE ENGINEER OF SOUTH DAKOTA, PIERRE:

Dear Sir: Notice is hereby given of the completion of the construction of _____ reservoir,

Deadman Pipe Line No. 1 ditch, or pipe line constructed and owned by the United States of America, Department of Agriculture, Forest Service on the Black Hills 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 NE $\frac{1}{4}$ of Section, 20, Township 5N, Range 5E.
4. Said water to be used for livestock, domestic, fire protection, irrigation purposes.
5. The amount of water which said completed works are capable of inundating 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

Assistant Regional Forester
Division of Engineering

Carl H. Smith
Chief, Civil Engineering

FORM A

5-45

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

Deadman Pipe Line No. 1
Name of Project
Lawrence
County

Water Division No. 1
Belle Fourche Water District
Deadman Spring No. 1
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 81.0137 1939 Revised Code of South Dakota, now therefore:

This is to certify that there is hereby reserved, of the heretofore unappropriated waters of _____, the annual amount of _____ acre-foot of water to maintain storage in _____ reservoir created by damming said stream at a point _____ feet distant from the _____ Corner of Section _____, Township _____ Range _____. The purpose of such storage is _____

This is to certify that there is hereby reserved, of the heretofore unappropriated waters of Deadman Spring No. 1 a maximum of 0.09 cubic feet per second to be diverted through the Deadman Pipe Line No. 1 ditch, canal or pipe line at a point located on the _____ bank S. 37 - 10' W., 2,502 feet distant from the NE Corner of Section 20, Township 5N Range 5E for the purpose of livestock, domestic, fire protection and irrigation 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 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 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 28th day of May 1940.

State Engineer

E
WATER RESOURCE
Water Rights

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

RECEIVED
MAY 22 1940

OFFICE OF STATE ENGINEER
PIERRE, S. DAK.

Deadman Pipe Line #1 Project

Denver, Colorado.

Black Hills Forest
South Dakota

May 22, 1940.
Ltr.

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 1933 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 in _____

_____ Reservoir, or to satisfy the requirements of the _____ Deadman Pipe Line #1 _____ 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. Deadman Pipe Line #1.

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

Ans. Lawrence

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

Ans. Deadman Spring #1. Tributary Deadman Gulch.

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

canal or pipe line is located S37° 10'W 2602 feet

distant from the NE Corner of Section 20 Township 5N

Range. EE.

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

Ans. Livestock, domestic, fire protection and irrigation.

9. The available capacity of reservoir in acre feet.

Ans.

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

Ans. 0.09 c.f.p.s.

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

Ans.

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

Ans. 0.09 c.f.p.s.

13. Location of lands to be irrigated.

Ans. .

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

Ans. 2-inch iron pipe, 200 feet long, grade 7 feet per hundred feet.


Acting Regional Forester