

No. U. 1405-2

**Office of State Engineer
DOCUMENT FILE**

Dep. Agri - Forest Service

Pensington, Co.

Priority: Aug. 28, 1939

Sec. 7. T 2 1. P 6 E

WITHDRAWAL NO. US 405Water Division No. 2

Battle Creek Water District

CERTIFICATE OF EXAMINATION OF WORKS

RECEIVED
DEC 18 1939

Report of Examining Engineer

OFFICE OF STATE ENGINEER

Date December 13, 1939By M. E. Von Seggern

PIERRE S. DODD

Lafferty Gulch Reservoir

Project Name and Number

Lafferty GulchSource of Appropriation
(Stream)

To the State Engineer, Pierre, South Dakota:

Dear Sir: I hereby certify that in accordance with your letter of authorization dated November 13 1939, I have made a thorough examination of Lafferty reservoir, Lafferty 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 405 issued upon Notice of Intention bearing date August 24 1939, authorizing the withdrawal from further appropriation 0.59 acre feet, or second feet of the waters of Lafferty Gulch, tributary of Battle Creek for livestock, fish culture, domestic, fire protection, irrigation, recreation purposes. I have to report on the condition of the same as follows:

The impounded and diversion works comprise:

Dam: Type Earth fill Foundation Earth
 Size: Max. Length 45 ft. Maximum height to spillway flow line 5.0 ft. Freeboard 2.0 ft.
 Section: Upstream slope 4:1 Downstream slope 2:1
 Top width 3 ft.
 Yardage (Approx.) 200 cu.yds.
 Reservoir: Area Normal Pool Level 0.12 acres
 Capacity 0.23 acre feet
 Nature of Shore line Grass and trees.
 Spillway: Type Rubble Channel Location right end of dam
 Width 4.5 ft. Depth 2.0 ft.
 Capacity 135 cubic feet per sec.
 Outlet: Size none Control Location
 Location Location
 Ditches: Open Earth Open rock
 Pipe Length
 Section Capacity
 Location or as shown on plans Location

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 N.48°0'W.
feet distant from the E₁ Corner of Section 7 Township 2S 1080
Range. 6E

The works are capable of utilizing 0.59 acre-feet of water annually or 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 and water for livestock

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 1934

Witness my hand, this 13th day of December A.D. 1939

M. E. Von Seggern
Examining Engineer

Profile Centerline Spillway

Sta. 0 plus 00, 0 plus 30, .
Fall 0 4.0 .

LETTER OF AUTHORIZATION
for
Inspection

November 15, 1939

M.E. Von SengerCuster, South DakotaLafferty Gulch Reservoir
Name of Project
Enter Division No. 2
Battle Creek Water District
Lafferty Gulch
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. 405, on Lafferty Gulch (stream) County of Pennington 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 Lafferty Gulch 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. US 405Lafferty Gulch Reservoir
Name of ProjectRECEIVED
OCT 1 1930Water Division No. 2CLERK OF STATE ENGINEER
Battle Creek Water District

NOTICE OF COMPLETION OF WORKS

P.O. Denver, Colorado,Date October 27, 1930

TO THE STATE ENGINEER OF SOUTH DAKOTA, PIERRE:

Dear Sir: Notice is hereby given of the completion of the construction of Lafferty Gulch 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 NE 1/4 of Section, 7, Township 2S., Range 6E.
4. Said water to be used for livestock, fish culture, domestic, fire protection, irrigation, recreation. 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.

Withdrawal No. U. S. 405

Lafferty Gulch for ryoir
 Name of Project

Water Division No. 2
 Jettie Creek Water District
Lafferty Gulch
 Source of Appropriation - Stream

Pemington
 County

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 Lafferty Gulch, the annual amount of 0.58 acre-feet of water to maintain storage in Lafferty Gulch reservoir created by damming said stream at a point 11, 48' 00" East, 1080 feet distant from the E Corner of Section 7, Township 28, Range 6E. The purpose of such storage is Livestock, fish culture, domestic, fire protection, irrigation, reclamation.

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 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 26th day of August 1939.

State Engineer

E
WATER RESOURCES
Water Rights

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

RECEIVED

AUG 28 1939

OFFICE OF STATE ENGINEER
PIERRE, S. DAK.

Lafferty Gulch Reser- Project
voir
Harney Forest
South Dakota

Denver, Colorado.

August 24, 1939
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 in Lafferty Gulch 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. Lafferty Gulch Reservoir

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

Ans. Pennington County

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

Ans. Lafferty Gulch

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

canal or pipe line is located N. 48° 00' West, 1080 feet

distant from the E¹ Corner of Section 7 Township 2S

Range. 6 E.

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

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

9. The available capacity of reservoir in acre feet.

Ans. 0.23 acre feet

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. 0.59 acre feet

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.

ALLEN S. PECK,

Regional Forester

M. W. Thompson
By M. W. Thompson

Acting .