

No. U 474-2

**Office of State Engineer
DOCUMENT FILE**

Dept. Agri. Forest Service
Custer Co.

Priority: Oct 16, 1939

Sec. 35, T 3 S R 2 E

0.104 cu. ft.

CERTIFICATE OF CONSTRUCTION OF WORKS

and

APPROPRIATION

U. S. Water Right No. 474-2Hell Canyon Pipe Line
Name of ProjectCuster CountyFall River 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 474 bearing date of Oct. 16, 1939
 withdrawing from further appropriation a maximum of 0.104 cubic feet
 per second of water to be diverted through the Hell Canyon Pipe Line
 ditch, canal or pipe line at a point located on the bank Hell Canyon Spring
N. 46 00' W., 2130 feet distant from the E $\frac{1}{4}$ Corner of
Section 35 Township 38 Range 2E 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 0.104 cubic feet per second during the period of
annually is thereby appropriated for the above purposes
 bearing date of priority of October 16, 1939.

Wit. my hand this 30th day of January 1940.

State Engineer

WITHDRAWAL NO. US 474Water Division No. 2Fall River Water District

CERTIFICATE OF EXAMINATION OF WORKS

Report of Examining Engineer

OFFICE OF STATE ENGINEER

PIERRE, S. DAK.

Date January 17, 1940By M. E. Van SagganHell Canyon Pipe Line
Project Name and NumberHell Canyon Spring
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 November 17 1939 I have made a thorough examination of Hell Canyon reservoir, Hell Canyon Pipe Line 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 474 issued upon Notice of Intention bearing date October 12 1939, authorizing the withdrawal from further appropriation of 0.104 acre feet, or 0.104 second feet of the waters of Hell Canyon Spring, tributary of West Hell Canyon for Livestock, Domestic, Fire Protection, & 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 foot per sec.
Outlet: Size Control
Location
Ditches: Open Earth Open rock
Pipe Iron Pipe Length 20 Ft
Section 2" Capacity 0.104 c.f.p.s.
Location or as shown on plans
Grade 9 Ft per 100 Ft

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° 00' W 2130
feet distant from the 1 Corner of Section 35 Township S. S.
Range, 2 E

The works are capable of utilizing _____ acre-feet of water
annually or 0.104 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, 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 September 1, 1939

WITNESS my hand, this 17th day of January A.D. 19 40.

M. E. Don Segura
Examining Engineer

LETTER OF AUTHORIZATION
for
Inspection

November 17, 1939

M. E. Von SeggernCuster, South DakotaHell Canyon Pipe Line
Name of Project
Water Division No. 2
Fall River Water District
Hell Canyon Spring
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 474, on Hell Canyon Spring (stream) County of Custer 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 Hell Canyon Pipe Line 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.

WITHDRAWALS No. US 47.Hell Canyon Pipe Line

Name of Project

Water Division No. 2Fall River Water District

NOTICE OF COMPLETION OF WORKS

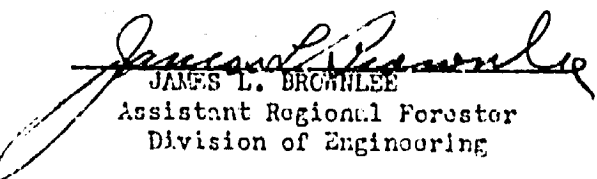
P.O. Denver, Colorado,Date October 28, 1939.

TO THE STATE ENGINEER OF SOUTH DAKOTA, PIERRE:

Dear Sir: Notice is hereby given of the completion of the construction of Hell Canyon Pipe Line 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 $\frac{1}{4}$ of Section, 35, Township 29., Range 2E.
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 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
 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. 474

Hell Canyon Pipe Line

Name of Project

Water Division No. 2

Fall River Water District

Hell Canyon Spring

Source of Appropriation - Stream

Custer

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 _____, the annual amount of _____ acre-feet 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 Hell Canyon Spring a maximum of 0.104 cubic feet per second to be diverted through the Hell Canyon Pipe Line ditch, canal or pipe line at a point located on the _____ bank _____ N. 46 00' W. 21 30

_____ feet distant from the E 1/4 Corner of Section 26, Township 3 S. Range 2 E. 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 16th day of October 1939.

State Engineer

E
WATER RESOURCES
Water Rights

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

RECEIVED
1939

OFFICE OF STATE ENGINEER
PIERRE, S. DAK.

Hell Canyon
Pipe Line Project
Harney Forest
South Dakota

Denver, Colorado.

October 12, 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 _____

Reservoir, or to satisfy the requirements of the

Hell Canyon Pipe Line _____ 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. Hell Canyon Pipe Line.

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

Ans. Custer County.

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

Ans. Hell Canyon Spring.

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

canal or pipe line is located N 46° 00' W 2130 feet

distant from the R₁ Corner of Section 35 Township 3 S

Range, 2 E.

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. 0.104 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. 0.104 C. F. P. S.

13. Location of lands to be irrigated.

Ans.

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

Ans. 2" iron pipe, 20 feet long, grade 9 feet to 100 feet.

H. D. Cochran
Acting Regional Forester