

No. *U.S. 56-2*

Office of State Engineer
DOCUMENT FILE

Feats Plan No. 226-2

County: *Stanley*

Applicant: *Agnes Economics*

Location: *NE 1/4 Sec. 32, T109N,
R. 77W.*

Date of Filing: *8-11-38*

Completion: *Approx. 5-1936*

Purpose: *Livestock*

Wey Shaw

Form C

CERTIFICATE OF WITHDRAWAL OF
WATER FOR APPROPRIATION

U. S. No. 56

TO

UNITED STATES DEPARTMENT OF Agriculture
BUREAU OF Land Utilization DIVISION
BUREAU OF AGRICULTURAL ECONOMICS

Stanley

County

Kears
Stream

The United States Department of Agriculture, Land Utilization Division, Agri. Economics, having made application for the withdrawal of certain heretofore unappropriated public waters of the State of South Dakota, and having complied with the requirements of the statute of the State of South Dakota providing for such withdrawal, such statute and authority being contained in and described as Vol. 2, Chapter 2, Article 1, Paragraph 8243 of the Revised Code of 1919, now therefore:

This is to certify that there is hereby reserved, of the heretofore unappropriated waters of a Dry Draw the annual amount of 400,752 cubic feet of water plus losses due to evaporation or such amount as will maintain the lake level at the present overflow elevation. Said water is to be used for stockwater purpose. The West end of the impounding dam is located 1120 feet North 41 degrees 23 minutes West of SE corner of NE 1/4, Sec. 32, T. 109 N., R. 77 W. in Stanley County. The above quantity of water is hereby withdrawn from future appropriation during the continuance of the right herein granted and contained.

This certificate and withdrawal shall in no manner prejudice, alter, amend or effect the rights of any prior appropriator or prior appropriation of water, nor of any application for appropriation pending upon 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 statute hereinbefore referred to and under the authority of which this certificate is issued.

In accordance with the provisions of the statute hereinbefore referred to, this certificate is executed at the State Capitol at Pierre, South Dakota, this _____ day of _____, 193 .

Charles R. Lewis
State Engineer.

DESCRIPTION OF EARTH IMPOUNDING DAM
RESERVOIR AND SPILLWAY DAM NO. 226JOB NUMBER 226 - 2Resettlement Administration
Lincoln, Nebraska

Region VII

Project South Dakota LD-SD 2
State NumberA. Location of Dam and ReservoirNE $\frac{1}{4}$ of the Sec. 32; Township 109 N; Range 77 W;
of the 5th Principal Meridian; County Stanley.B. General Data1. Area of drainage basin above dam: 524 acres sq. miles.(Note: For areas greater than 5 sq. miles give size to nearest sq. mile;
for areas smaller than 5 sq. miles give area to nearest tenth.)2. Average annual precipitation on water shed in inches: 16.86
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. 3.5 inches.b. 60 minutes.c. U.S. Weather Bureau
Source of information.

4. Give description of water shed.

a. The slopes are sod-covered, ~~cultivated, etc.~~Grassland drainage(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 miles.c. Average width of drainage basin miles.5. Maximum run-off of drainage area at the damsite: 210
cu. ft. per second.

(over)

C. Description of Dam

1. Height above low point of valley at centerline of dam: 10 ft.
 2. Length along centerline at top of dam: 275 ft.
 3. Width of top: 10 ft.
 4. Upstream slope: 3 ft. horizontally to 1 ft. vertically.
 5. Downstream slope: 2 ft. horizontally to 1 ft. vertically.
 6. Volume in embankment: 1500 cu. yds.
 7. Distance above high-water line to top of dam: 5 ft.
 8. Distance above water surface to top of dam when spillway is discharging maximum run-off: 2 ft.
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D. Description of Spillway

1. Bottom width: 12 ft.
2. Slope of sides: 1 1/2:1 (Give ratio horizontal to vertical.)
3. Gradient of spillway ditch: 1 ft. per hundred ft.
4. Maximum discharge: 486 cu. ft. per second.
5. Depth of water in spillway at time of maximum discharge: 3 ft.

(Note: The surface of water in the spillway must be at least 30" 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: _____ acres.
2. Area when half-full: _____ acres.
3. Area at depth of two feet: _____ acres.
4. Volume when filled to level of spillway: 9.2 acre-ft.
5. Volume when half-full: _____ acre-feet.
6. Volume at depth of two feet: _____ acre-feet.
7. Average depth when full: _____ feet.

(over)

August 13th, 1937,

Mr. Leonard Noble,
Project Manager,
Resettlement Administration,
U. S. Department of Agriculture,
Pierre, South Dakota.

Dear Sir:

We hereby acknowledge receipt of the following Location Notices and descriptions of earth impounding Dams, Reservoirs and Spillways, handed to us on the above date for our files, to-wit:

Job No	Project No.	Our File No.	Description
226-1	LD-SD 2	1-F	Section 7, Township 108 N., Range 79 W., 5th P. M., Stanley County, South Dakota.
226-2	LD-SD 2	2-F	Section 32, Township 108 N., Range 77 W., 5th P. M., Stanley County, South Dakota.
226-3	LD-SD 2	3-F	Section 9, Township 108 N., Range 79 W., 5th P. M., Lyman County, South Dakota.
226-4	LD-SD 2	4-F	Section 19, Township 108 N., Range 79 W., 5th P. M., Lyman County, South Dakota.
226-5	LD-SD 2	5-F	Section 11, Township 109 N., Range 79 W., 5th P. M., Stanley County, South Dakota.
226-6	LD-SD 2	6-F	Section 29, Township 108 N., Range 78 W., 5th P. M., Stanley County, South Dakota.
226-7	LD-SD 2	7-F	Section 24, Township 108 N., Range 79 W., 5th P. M., Stanley County, South Dakota.
226-8	LD-SD 2	8-F	Section 28, Township 3 N., Range 31 E., R.M.S., Stanley County, South Dakota.
226-9	LD-SD 2	9-F	Section 35, Township 109 N., Range 79 W., 5th P. M., Stanley County, South Dakota.
226-10	LD-SD 2	10-F	Section 10, Township 107 N., Range 79 W., 5th P. M., Lyman County, South Dakota.
226-11	LD-SD 2	11-F	Section 21, Township 108 N., Range 79 W., 5th P. M., Lyman County, South Dakota.

August 13th, 1937,

Job No.	Project No.	Our File No.	Description
226-12	LD-SD 2	12-F	Section 11, Township 107 N., Range 78 W., 5th P. M., Lyman County, South Dakota.
226-13	LD-SD 2	13-F	Section 29, Township 3 N., Range 31 E., B.H.M., in Stanley County, South Dakota.
226-14	LD-SD 2	14-F	Section 29, Township 2 N., Range 31 E., B.H.M., Jones County, South Dakota.
226-15	LD-SD 2	15-F	Section 15, Township 108 N., Range 78 W., 5th P. M., Lyman County, South Dakota.
226-16	LD-SD 2	16-F	Section 30, Township 108 N., Range 78 W., 5th P. M., Lyman County, South Dakota.
226-17	LD-SD 2	17-F	Section 15, Township 107 N., Range 78 W., 5th P. M., Lyman County, South Dakota.
226-18	LD-SD 2	18-F	Section 26, Township 109 N., Range 79 W., 5th P. M., Stanley County, South Dakota.
226-20	LD-SD 2	19-F	Section 29, Township 107 N., Range 78 W., 5th P. M., Lyman County, South Dakota.
226-21	LD-SD 2	20-F	Section 24, Township 108 N., Range 78 W., 5th P. M., Lyman County, South Dakota.
226-22	LD-SD 2	21-F	Section 2, Township 109 N., Range 79 W., 5th P. M., Stanley County, South Dakota.
226-23	LD-SD 2	22-F	Section 17, Township 109 N., Range 77 W., 5th P. M., Stanley County, South Dakota.
226-24	LD-SD 2	23-F	Section 2, Township 109 N., Range 79 W., 5th P. M., Lyman County, South Dakota.
226-26	LD-SD 2	24-F	Section 8, Township 2 N., Range 31 E., B.H.M., Jones County, South Dakota.
226-28	LD-SD 2	25-F	Section 6, Township 107 N., Range 78 W., 5th P. M., Lyman County, South Dakota.
226-30	LD-SD 2	26-F	Section 30, Township 109 N., Range 77 W., 5th P. M., Stanley County, South Dakota.

August 13th, 1957,

Page 3.,

Job No.	Project No.	Our File No.	Description
225-31	LD-SD 2	27-7	Section 26, Township 103 N., Range 70 W., 5th P. M., Lyman County, South Dakota.
226-32	LD-SD 2	28-1	Section 9, Township 107 N., Range 70 W., 5th P. M., Lyman County, South Dakota.
226-33	LD-SD 2	29-F	Section 21, Township 1 N., Range 31 E., R.M. 1., Jones County, South Dakota.

Very truly yours,

DEAN W. LOUCKS,
State Engineer.

DEL:fidh

LOCATION NOTICE

JOB NO. 226-2 Approximate date completed, March 1936

KNOW ALL MEN BY THESE PRESENTS:

That Leonard Noble, Proj. Mgr., South Central South Dakota Land Adjustment Project
Resettlement Administration, U. S. Department of Agriculture
whose post office is . . . Pierre . . . , South Dakota, a citizen of the

United States, above the age of 21 years, being in possession of the following
in the name of the United States
described land/to wit:

Tract No. 278 - NE 1/4
Section . . . 32 . . . Township . . . 109 N
range . 77 W . . . 5th P.M. in . . Stanley . . . 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 loc-
ated and claims the right to construct a certain dam across a dry draw
situated in the .SE. 1/4 of the . . NE. 1/4 of section . 32. . township . . 109 N.
range . 77 W . 5th P.M. ~~that he has located and claims the right to construct ditches~~
~~and flumes for the purpose of diverting flood waters from said dam for irri-~~
~~gation of the land first above described and for live stock purposes and~~
~~claims the right of way across any land for the purpose of conveying water~~
~~for said purposes.~~

Said locator claims for the above purpose .400,752. cubic feet of water plus losses
due to evaporation
during the following described annual periods . . . January 1 . . .
December 31 . . . inclusive, each year.

~~The location of the point of diversion of the reservoir is as follows:~~
~~Proceeding . . .~~
~~The ditch . . . will be constructed . . . and . . . locate~~
~~and on said land for a distance of . . . feet.~~

Said location was made on the . . . 16th . . . day of . . . Dec. . . 1936.

Witness my hand and seal this . . . 3rd . . . day of August . . . 1937.

FOR HENRY A. WALLACE
SECRETARY OF AGRICULTURE

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

STATE OF SOUTH DAKOTA,)
County of. Hughes . . .) ss.

On the . 3rd . . . day of August . . . 1937 . . . before me . . .
Gertrode Badessem . . . a Notary Public in for
the County and State aforesaid, personally appeared Leonard Noble . . . 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.

Corn. Ex Nov 16-19 39

Gertrode Badessem
Notary Public