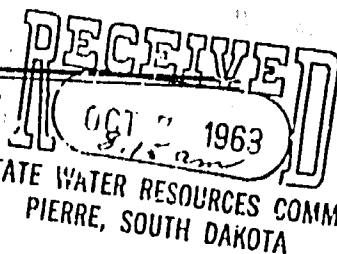


711-1

1. Considered 11-6-1963
2. Name of Applicant RICHARD WADDELL
3. Post Office Address ISABEL
4. Amount of water claimed 2.2
5. Source of water supply FIRESTEEL CREEK
6. Water to be used for IRRIGATION
Acres to be irrigated 153
7. Water to be diverted and used in CORSON County about
4N 12W miles of FIRESTEEL
8. Proof of Publication Received ✓
Not Received _____
9. Application Approved A
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

SEE LETTER FROM
John & Bickel Bickel

No. 711-1Water Division No. 1 GRAND RIVER
(Blanks to be filled by the Engineer for the W. P. C.)

APPLICATION FOR PERMIT To appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable.)

1. Name of applicant: RICHARD WADDELL
 Postoffice address: ISABEL, County CORSON, State S. DAK.

14-H-a corporation

- (a) Name of same _____
 (b) Date and place of incorporation _____
 (c) Amount of capital stock _____
 (d) Amount paid in _____
 (e) Names and addresses of directors _____

(NOTE—A certified copy of articles of incorporation must accompany the application.)

II. Method of accomplishing the work and financial resources of the applicant:

(a) Method of accomplishing work (Whether by contract, employment of others, or by direct labor)

Contract and direct labor(b) Cash on hand, \$ ample

(c) Treasury stock, \$ _____

(d) Bonds to be issued, \$ _____

(e) Other resources, \$ Govt. Cost-share

2. Name of diversion work Richard Waddell Water Spreading Project #1
 3. Amount of water claimed 2.2 cubic feet per second or 459. Ac. ft. Max.
 4. Source of water supply Surface runoff from Firesteel Creek Watershed
 5. Location of point of diversion See Attached Sheet

_____ on _____ bank _____ County.
 6. Annual period or periods during which water is to be used when available

7. To be used for:

I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? Gravity waterspread(a) Number of acres to be irrigated 153 acres.(b) Legal subdivisions to be irrigated See Attached Sheet

(NOTE—A list of lands to be irrigated, giving each subdivision and fraction with acreage thereof, should be written here, or may be appended as a part of this application. Same must also be shown on accompanying map.)

(c) ~~Statement as to domestic use (giving location)~~ _____

II. Stockwatering, mining, milling, power, fish culture, fire protection and public recreation

(a) Nature of use _____
Name any of the above uses claimed

(b) Amount of power to be generated _____ horse power.

Amount claimed for engine cooling _____

(c) Location of plant _____

(d) Method of developing power _____

(e) Point where water will be returned to stream _____

MAP No 596-1

8. Estimated cost of work:

(a) Head Gates, \$-----
 c.m. pipe
 (c) Fluming, \$---3600--- (d) Canal-earth, \$-----
 (e) Other structures earth dams \$---1100---
 (b) Pumping plant, \$-----
 Rock, \$-----
 Total, \$-----

9. Description of diversion works:

Nature of works: (Reservoir, dam, ditch, flume, pumping plant, etc.)
 Series of dams will divert water into floodplain whenever large flows occur. Up-
 stream and downstream limits shown on map. All dams to have C.M. pipe drains No
 permanent storage planned.

10. Dimensions of works:

(a) Dam: Height-----12-----feet; length at bottom-----20-----feet; length at top
 70-----feet; thickness at bottom-----72-----feet; thickness at top-----12-----
 feet; slope at front water face-----1:1-----; slope at back face-----2:1-----
 material used in construction-----earth-----
 (b) Reservoir: Capacity when filled-----acre feet. Surface area at highwater
 mark-----acres.

DEPTH AT OUTLET-Feet	SURFACE AREA AT EACH DEPTH AT OUTLET--ACRES	FEET	ACRE-Feet CAPACITY

(c) Head-gate: Width-----feet; height-----feet;
 Material-----

(d) Canal: Total length-----miles.

LOCATION BELOW HEADGATE	DEPTH	BOTTOM WIDTH	WIDTH AT WATER-LINE	GRADE PER MILE
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet

(Give dimensions where reductions in size are made.)

10. Time required for completion of work-----5-----years.
 11. Time required for complete application of water to the proposed beneficial use---5 + 4--- years.
 12. Choice of newspaper for publication of notice of intention to appropriate-----
 Isabel Dakotan-----

STATE OF SOUTH DAKOTA

County of-----Corson-----} ss.

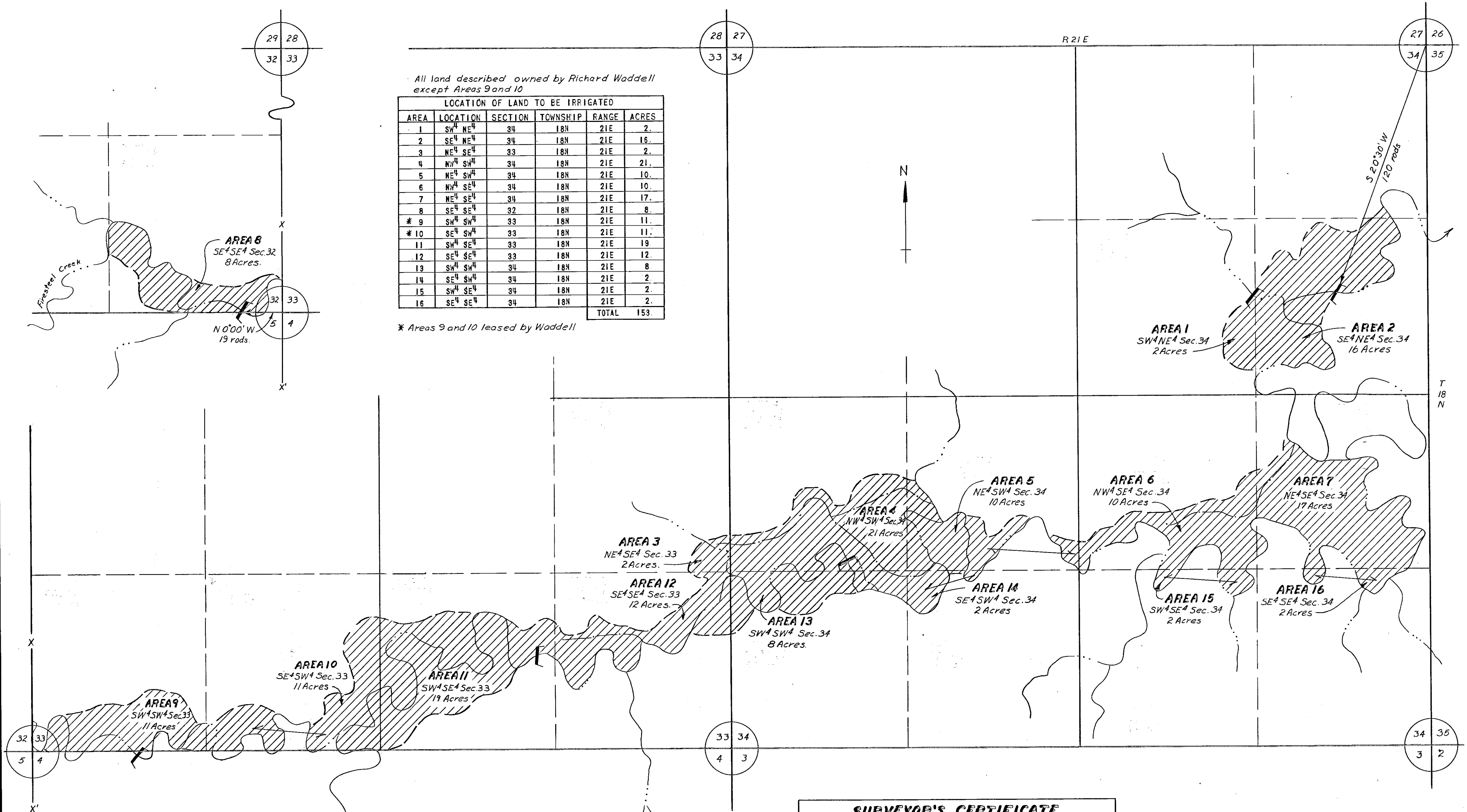
I,-----Richard Wadell-----, being first duly sworn
 on my oath depose and say: That my relation to the above described undertaking is that of owner, that I have
 read the above foregoing statement, examined the map accompanying the same, and that I know of my own
 personal knowledge that the matters therein stated and shown are true.

Signed-----Richard Wadell-----

Subscribed and sworn to before me this-----5-----day of-----October-----1962-----

Notary Public (or other qualified officer.)
 R. S. FLEMING

My Commission Expires June 6, 1965



All land described owned by Richard Waddell except Areas 9 and 10

LOCATION OF LAND TO BE IRRIGATED					
AREA	LOCATION	SECTION	TOWNSHIP	RANGE	ACRES
1	SW ¹ NE ⁴	34	18N	21E	2.
2	SE ⁴ NE ⁴	34	18N	21E	16.
3	NE ⁴ SE ⁴	33	18N	21E	2.
4	NW ⁴ SW ⁴	34	18N	21E	21.
5	NE ⁴ SW ⁴	34	18N	21E	10.
6	NW ⁴ SE ⁴	34	18N	21E	10.
7	NE ⁴ SE ⁴	34	18N	21E	17.
8	SE ⁴ SE ⁴	32	18N	21E	8.
* 9	SW ⁴ SW ⁴	33	18N	21E	11.
* 10	SE ⁴ SW ⁴	33	18N	21E	11.
11	SW ⁴ SE ⁴	33	18N	21E	19.
12	SE ⁴ SE ⁴	33	18N	21E	12.
13	SW ⁴ SW ⁴	34	18N	21E	8.
14	SE ⁴ SW ⁴	34	18N	21E	2.
15	SW ⁴ SE ⁴	34	18N	21E	2.
16	SE ⁴ SE ⁴	34	18N	21E	2.
TOTAL					153.

* Areas 9 and 10 leased by Waddell

SURVEYOR'S CERTIFICATE

I, KENNETH L. HUBER DO HEREBY CERTIFY THAT THIS MAP IDENTIFIES A REASONABLY ACCURATE RECORD OF THE LAND OF THE RICHARD WADDELL WATERSPREADING PROJECT NUMBER 1 AND HAS BEEN PREPARED BY THE SOIL CONSERVATION SERVICE FOR THE WEST CORSON SOIL AND WATER CONSERVATION DISTRICT.

SIGNATURE: Kenneth L. Huber

TITLE: AGRICULTURAL ENGINEER

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SUBSCRIBED AND SWORN TO BEFORE ME THIS 20 DAY OF

SEPT., 1963, A.D.

Lyfe A. McCallan
Lyfe A. McCallan
NOTARY PUBLIC

MY COMMISSION EXPIRES March 22, 1970.

Scale: 1"=400'

RICHARD WADDELL WATERSPREADING PROJECT NUMBER 1

Corson County, South Dakota

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	Date	Approved by
Drawn		Title
Traced		Title
Checked	8-59	Sheet No. 1 of 1
		Drawing No.

MAP NO 596-1 (APPL NO 711-1)

Remarks by State Water Resources Commission:

The diversion rate limitation of 1 cubic foot per second for each 70 acres irrigated shall not apply to this Dry Draw irrigation diversion during periods of flood flows, when such flows are in excess of the amount of water required to satisfy domestic use requirements and other water rights.

STATE OF SOUTH DAKOTA
County of HUGHES ss.

Pierre, South Dakota, NOVEMBER 13, 1963

This is to certify that the foregoing application was received by the Commission at 8:15 o'clock
a.m. upon the 7TH day of OCTOBER, 1963

State Water Resources Commission

By:

Burton Jones
for Chief Engineer, Executive Officer

Number of permit 711-1

Date of first receipt of application OCTOBER 7, 1963

Date of return to applicant for correction, amendments or changes required as follows: _____, 19____

Date of receipt of corrected application _____, 19____

Date from which applicant may claim right OCTOBER 7, 1963

Approved NOVEMBER 6, 1963, Recorded in Book 8 Page 133

This is to certify that we have examined the foregoing application for a permit to appropriate water of the State of South Dakota, and we hereby grant the same as stated herein, subject, however, to the following limitations and conditions:

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or before _____

MAY 6, 1966

2nd. The whole of said work is to be completed on or before NOVEMBER 6, 1968

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is

NOVEMBER 6, 1972

4th. The water appropriated shall be used for the purpose of IRRIGATION

5th. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

6th. The amount of the appropriation herein granted shall not exceed 2.2 cubic feet per second; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry; and further, said appropriation must be limited to not more than one fortieth (1/40) of one cubic foot of water per second of time for each acre of land to which water is actually

and beneficially applied for irrigation on or before NOVEMBER 6, 1972; said water to be used during the following described annual period:

WHEN AVAILABLE

Witness my hand this 13TH day of NOVEMBER, 1963.

State Water Resources Commission

By:

Eric G. Jones
Chief Engineer, Executive Officer

Certificate of Construction Issued JULY 28, 1972

Water License Issued JULY 28, 1972

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 711-1

(1) WHEREAS, On the 7th day of October A. D. 19 63

Richard Waddell

made Water Right Application No. 711-1 for a permit to use 2.2 cubic feet per second of the waters of Firesteel Creek Watershed

County of Corson State of South Dakota, for Irrigation

purposes, and

(2) WHEREAS, On the 13th day of November A. D. 19 63

Permit No. 711-1, with a date of priority of October 7, 1963

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water supply system therein described on or before the 6th day of November A. D. 19 68 and for the application to beneficial use of said water on or before the 6th day of November A. D. 19 72.

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota relating to completion of the construction of the water supply system and is entitled to divert 2.2 cubic feet per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota relating to the application of water to beneficial use of the following extent:

for irrigating the following land in T18N, R21E

Section 32	SE $\frac{1}{4}$ SE $\frac{1}{4}$	8.0 acres	Section 34	SW $\frac{1}{4}$ NE $\frac{1}{4}$	2.0 acres
Section 33	NE $\frac{1}{4}$ SE $\frac{1}{4}$	2.0 acres		SE $\frac{1}{4}$ NE $\frac{1}{4}$	16.0 acres
	SW $\frac{1}{4}$ SW $\frac{1}{4}$	11.0 acres		NW $\frac{1}{4}$ SE $\frac{1}{4}$	21.0 acres
	SE $\frac{1}{4}$ SW $\frac{1}{4}$	11.0 acres		NE $\frac{1}{4}$ SW $\frac{1}{4}$	10.0 acres
	SW $\frac{1}{4}$ SE $\frac{1}{4}$	19.0 acres		NW $\frac{1}{4}$ SE $\frac{1}{4}$	10.0 acres
	SE $\frac{1}{4}$ SE $\frac{1}{4}$	12.0 acres		NE $\frac{1}{4}$ SE $\frac{1}{4}$	17.0 acres
				SW $\frac{1}{4}$ SW $\frac{1}{4}$	8.0 acres
				SE $\frac{1}{4}$ SW $\frac{1}{4}$	2.0 acres
				SW $\frac{1}{4}$ NE $\frac{1}{4}$	2.0 acres
				SE $\frac{1}{4}$ SE $\frac{1}{4}$	2.0 acres
					Total
					153.0 Acres

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to Richard Waudell

of Issbell, S.D.

the holder _____ and owner _____ of said permit No. 711-1 a water right, dating from October 7, 1963

to use of 2.2 cubic feet per second of the waters of Firestone¹ Creek Watershed

in the County of Corson and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at between points N. 90° W., 19 rods from the SE Corner, Sec. 32, and a point S. 20° 30' W., 120 rods from the NE Corner, Sec. 34, T18N, R21E.

and conduct to and upon Portions of Sections 32, 33 and 34, T18N, R21E, more fully described on the face of this license

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 711-1 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 28th day of July A. D.
Nineteen Hundred and Seventy-two

WATER RESOURCES COMMISSION

By:

Chief Engineer, Executive Office: J.W. GRIMES

Permit No. 711-1Water Diversion No. 1 GRAND RIVER Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Richard Waddell

_____ the holder _____ of
Permit No. 711-1, issued upon Application No. 711-1, bearing date of priority of October 7,
1963 authorizing the diversion of 2.2 cu. ft. per second of the waters of _____
Firesteel Creek Watershed County of Corson, State of South Dakota at _____
between points N. 90° W., 19 rods from the SE Corner, Sec. 32, and a point S. 20°
30' W, 120 rods from the NE Corner, Sec. 34, T18N, R21E
_____, for irrigation

_____ purposes, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use about 30 cu. ft. per second of water.

Date July 28, 1972

WATER RESOURCES COMMISSION

By:

J.W. GRIMES, Executive Officer

APPLICATION FOR PERMIT
RICHARD WADDELL

5. Location of Point of diversion:

19. rods No^o 00' W of SE corner of Sec. 32, T18N, R21E (upstream point)

120 ro.'s 520^o 30' W of NE corner of Sec. 34, T18N, R21E (Downstream point)
both banks, Corson County, South Dakota

7. I. (b) Legal subdivisions:

<u>AREA</u>	<u>LOCATION</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>ACRES</u>
1	SW $\frac{1}{2}$ NE $\frac{1}{2}$	34	18N	21E	2.
2	SE $\frac{1}{2}$ NE $\frac{1}{2}$	34	18N	21E	16.
3	NE $\frac{1}{2}$ SE $\frac{1}{2}$	33	18N	21E	2.
4	NW $\frac{1}{2}$ SW $\frac{1}{2}$	34	18N	21E	21.
5	NE $\frac{1}{2}$ SW $\frac{1}{2}$	34	18N	21E	10.
6	NW $\frac{1}{2}$ SE $\frac{1}{2}$	34	18N	21E	10.
7	NE $\frac{1}{2}$ SE $\frac{1}{2}$	34	18N	21E	17.
8	SE $\frac{1}{2}$ SE $\frac{1}{2}$	32	18N	21E	8.
9	SW $\frac{1}{2}$ SW $\frac{1}{2}$	33	18N	21E	11.
10	SE $\frac{1}{2}$ SW $\frac{1}{2}$	33	18N	21E	11.
11	SW $\frac{1}{2}$ SE $\frac{1}{2}$	33	18N	21E	19.
12	SE $\frac{1}{2}$ SE $\frac{1}{2}$	33	18N	21E	12.
13	SW $\frac{1}{2}$ SW $\frac{1}{2}$	34	18N	21E	8.
14	SE $\frac{1}{2}$ SW $\frac{1}{2}$	34	18N	21E	2.
15	SW $\frac{1}{2}$ SE $\frac{1}{2}$	34	18N	21E	2.
16	SE $\frac{1}{2}$ SE $\frac{1}{2}$	34	18N	21E	2.
Total					153.

43)
20-73

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA }
County of Dewey } ss.

Myron L. Lofgren

being duly sworn, deposes and says the annexed printed copy of Notice

of Intention to Appropriate Water was taken from the

ISABEL DAKOTAN

a newspaper which during the whole itme of publication of said notice herein after stated, has been and is printed and published in the

CITY of ISABEL County of

DEWEY and State of South Dakota;

that the said notice was published in said newspaper on the following dates:

Oct. 10, 1963

Oct. 17, 1963

Oct. 24, 1963

Oct. 31, 1963

in each and every issue of the full number thereof, the first publication being made on the 10th day of October

1963 and the last publication on the 31st day of

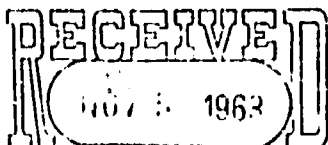
October 1963 upon which days or times

of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he owner

was Myron L. Lofgren and publisher of the said newspaper.

Myron L. Lofgren
Myron L. Lofgren, publisher

Subscribed and sworn to before me this 31st day of October A. D. 1963



STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

Notary Public Dewey County, S. D.

My Commission Expires June 4, 1969.

Notice of Intention to appropriate Water No. 711-1
APPROPRIATION OF WATER
Office of State Water Resources Commission, Pierre, South Dakota
October 7, 1963
NOTICE IS HEREBY GIVEN that Richard Waddell, whose post-office address is Isabel, S. Dak. has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 2.2 cubic feet of water per second of time from Firesteel Creek through the Waddell Water-spreading Project No. 1, the point of diversion of which is to be located on both banks of said stream between a point in the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 32, and a point in the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 34 Twp. 18 $\frac{1}{2}$ Range 21E. Said water to be used for the purpose of providing irrigation on portions of the following described land:
SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 32; S $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{4}$ SE $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 33; SW $\frac{1}{4}$, S $\frac{1}{4}$ NE $\frac{1}{4}$ and SE $\frac{1}{4}$, Section 34, all in T18N. R21E.
This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 6th day of November, 1963, at 2 P. M. All interested persons may appear and be heard.
Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.
State Water Resources Commission
By: BURTON F. JONES
Water Right Specialist
(Pub. Oct. 10-17-24-31, 1963)

No. 711-1

on or before
(First Publication) October 10, 1963

APPROPRIATION OF WATER

Office of State Water Resources Commission,

Pierre, S. Dak., October 7, 1963

Notice is hereby given that Richard Waddell whose postoffice address is Isabel S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 2.2 cubic feet of water per second of time from ~~the~~ Firesteel Creek through the Waddell Waterspreading Project, #1, the point of diversion of which is to be located on ~~the~~ both between a point in the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 32, and a point bank of said stream in the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 34 Twp. 18N Range 21E. Said water to be used for the purpose of providing irrigation on the following described land:

SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 32; S $\frac{1}{2}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 33; SW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$ and SE $\frac{1}{4}$, Section 34, all in T18N, R21E

~~and~~

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 6th day of November, 1963, at 2 P. M. All interested persons may appear and be heard.

Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.

State Water Resources Commission

By:

CC: Mr. Myron L. Lofgren, Publisher
Isabel Dakotan
Isabel, South Dakota

BURTON F. JONES
Water Right Specialist

Permit No. 711-1Water Division 1 Grand River Water District

**REPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE**

TO: Water Resources Commission, Sta. Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by Richard Waddell of Isabel, South Dakota holder of Permit No. 711-1, bearing date of priority of October 7, 1963 authorizing the diversion of 2.2 cu. ft. per second of the waters of Firesteel Creek Watershed for irrigation purposes, in Corson County.

I have to report on the condition of the same as follows:

The Water Use System consists of,

A. Works used to divert the water:

Fifteen or more well constructed large diversion dams containing C.M. pipe drains. The downstream dam also constructed so a relatively large area may be flood irrigated.

B. Works used to transport water to place of use,

Diversions of water across that lands by dike construction.

C. Works used to apply water to beneficial use.

Gravity flow or temporary storage of water or land

The system is in the following condition: Excellent Plus

The point of diversion is located between a point N 90° W 19 rods from SE corner of Section 32 and a point S 20° 30' W 120 rods from NE corner of Section 34, all in T18N, R21E.

The works are capable of diverting and conveying to the place of use about 30cu. ft. per second of water which is to be used for spreader and flood irrigation

Water has been put to beneficial use to the maximum extent as follows: The 153 acres in sections 32, 33 and 34, T18N, R21E, listed on water right map No. 596-1

comprising a total of 153 acres of land.

Date July 18, 1972

Donald L. Niccol
(Signature)

**OVERSIZE
DOCUMENT IS
SUPPLEMENTARY
TO MICROFILM FILE**