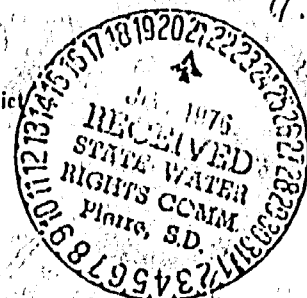


No. 1425-2Map No. 1208-2 Water Division No. 2 WHITE RIVER District _____
(Blanks to be Filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE--Draw a line through items not applicable)

INCORPORATED INTO
W/L # 1426-2

1. Name of Applicant Kenneth and Robert Bolzer
 Postoffice address Martin State So. D.
 If a corporation show date and place of incorporation _____
 2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract
 3. Name of diversion work Bolzer well #1
 4. Amount of water claimed (cubic feet per second) 1,000 gpm/min 2.0
 5. Source of water supply Well
 6. Location of point of diversion Center of SE 1/4 of Sec 15, 38-25

County Bennett

7. Annual period or periods during which water is to be used April thru October
 8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
 9. For irrigation use, Total number of acres to be irrigated 144 A
 List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NW 1/4 of SE 1/4, Sec 15, 38-25	36A		
NE 1/4 of SE 1/4, Sec 15, 38-25	36A		
SE 1/4 of SE 1/4, Sec 15, 38-25	36A		
SW 1/4 of SE 1/4, Sec 15, 38-25	36A		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system five (5) years. Additional time required to complete application of water to the proposed beneficial use two (2) years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication Bennet County Booster II
 12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source. High volume pumpB. Works proposed to transport water to place of use. 3" aluminum pipeC. Works proposed to apply water to beneficial use. Automatic circuit controllerEstimated Total Cost, \$ 40,700

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
 (See instructions concerning preparation.)

STATE OF SOUTH DAKOTA

County of Bennett

I, Kenneth E. Bolzer, the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Signed Kenneth E. BolzerSubscribed and sworn to before me this 17 day of June 1946

Notary Public (or other qualified officer)

Reg. J. S. S. S.

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 1425-2

KENNETH & ROBERT BOLZER
(Applicant)

MARTIN

(Post Office Address)

SOUTH DAKOTA 57551
(State)

With the following modifications:

The irrigation well approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in existing domestic wells or in irrigation wells having prior water rights.

**INCORPORATED INTO
WATER LICENSE NO. 1426-2**

Date of first receipt of application JUNE 21 19 76

Date of return to applicant for correction, amendments or changes required _____ 19 _____

Date of receipt of corrected application AUGUST 25 19 76

Approved SEPTEMBER 29 19 76 Recorded in Book 15 Page 338

WATER RIGHT PERMIT NO. 1425-2

The Water Rights Commission hereby grants and issues this Water Right Permit No. 1425-2 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is AUGUST 25 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MARCH 29 19 79
3. The whole of said work is to be completed on or before SEPTEMBER 29 19 81
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is SEPTEMBER 29 19 83
5. The water appropriated shall be used for the purpose of IRRIGATION

6. 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.

7. The amount of the appropriation herein granted shall not exceed 2.0 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) 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 SEPTEMBER 29 19 83; said water to be used during the following described annual period: APRIL THRU OCTOBER

Witness my hand this 22ND day of NOVEMBER 19 76

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued _____ 19 _____

Water License Issued _____ 19 _____

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

(1) Drill Hole, Diameter 3 1/2", Depth 320 feet

(2) Casing, Type steel Diameter 1 1/2" Thickness 1/4"
(wood, concrete, steel, etc)

(3) Perforated Screen.

Type steel Diameter 1 1/2" Length 200 feet

(4) Gravel Pack, Thickness 12" Length of gravel pack 300 feet

E. Dugout Information or Estimates.

(1) Surface dimensions _____, Depth _____

2. Fill out for Either a Well or a Dugout.

(1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials fine sands to gravel to sandstone

Depth to top of water bearing material 30 feet

Depth to bottom of water bearing material 320 feet

Thickness of water bearing material 200 feet

Depth to water (ground surface to water level) 25 feet

(2) Distance to nearest existing household or livestock watering well.

On same owner's property 80 rds. On property owned by others 240 rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Kenneth E. Boyer
Signature of Applicant

August 3, 1976



Kenneth, Robert Bolivar
Martin, SD 57551

Dear Sirs,

This letter pertains to your application to irrigate with your #2 well in Sec 15. The water sample number pertaining to this supply is 76-936. The composition of this water is very much like that of the #1 well and there are no differences in recommendations as to its use. The soils, however, vary even more than in the previous tract, and some of them are silt loams with almost twice as much waterholding capacity per foot of depth as in the other tract. Therefore, your irrigation management may have to be a little more complex for this proposal.

A copy of this letter is accompanying your application materials to the State Conservation Commission in Pierre.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:jad

Enclosures

cc: State Conservation Commission

D. Felt

Gary Felt, County Extension Agent

CONSERVATION
COMMISSION
WI #1

well

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SOCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED WELL IRRIGATION ONLY)

FOR COMMISSION USE ONLY

IRRIGATION SYSTEM

WATER QUALITY

SOILS CAPABILITY

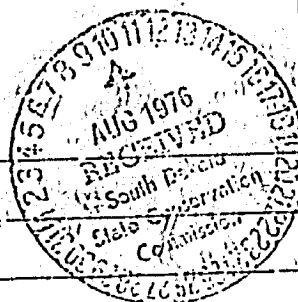
APPROVED *[Signature]*

DISAPPROVED

NAME *Wendell Robert Bell*

ADDRESS *Marion, South Dakota*

COUNTY *Bennett*



LEGAL DESCRIPTION

1. WELL LOCATION *Center 1/4 of Sec 15, T22N, R25E*
2. AREA TO BE IRRIGATED *Sec 15, T22N, R25E*

TYPE OF IRRIGATION

3. GRAVITY *Surface* SPRINKLER (INDICATE TYPE) *Surface*
4. CROPS TO BE IRRIGATED *Corn, Soybeans, and various crops*

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE *0-3%*
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION *A variety of soils ranging from
Driest to Dunes - 2nd field and 1st field*

WATER QUALITY

(TO BE COMPLETED BY COMMISSION)

7. SAMPLE NUMBER *76-836*
8. SALINITY *2.71 in meq/l (hard - med)*
9. SODIUM *0.85 (low)*

... A CHEMICAL ANALYSIS OF THE GROUND WATER TO BE
... SOUTH DAKOTA STATE UNIVERSITY AND;
... INFORMATION HAS BEEN ACQUIRED FROM

... DESCRIPTION FOR THE LOCATION OF THE WELL AND LAND TO BE
... TRUE AND CORRECT.

Kenneth E. Boze

... AND SIGNED BEFORE ME THIS

17th DAY OF June 1946.

Anna B. Engellhart

Peggy Deeds

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57006

Submitted by: Robert E. Van Tolzer

Date Rec'd July 21, 1976

Address: Box 57551

Sample No. 7-130

Identification 11-130

WATER ANALYSIS

Calcium (Ca)	105	ppm*	5.25	me/l**
Magnesium (Mg)	8	ppm	0.40	me/l
Sodium (Na)	35	ppm	1.72	me/l
Potassium (K)	13	ppm	0.64	me/l
Sulfate (SO ₄)	49	ppm	1.02	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	29	ppm	0.	me/l
Bicarbonate (HCO ₃)	307	ppm	5.	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	252	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	771	microhmhos per cm at 25° C.		
Sodium Adsorption Ratio	0.33			
Sodium	19.56	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.76			
Others:				

*ppm=parts per million
 **me/l=millequivalents per liter
 ***g.p.g.=grains per gallon



COMMENTS: Total cations 7.77 me/l
 Total anions 6.87 me/l

By: Water Quality Laboratory

Service Performed _____ Amount Due _____

Irrigation Analysis

7.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 7-130 Amount Enclosed \$ _____

Signed _____

Publish first publication, on or before September 16, 1976NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

August 31, 1976

Notice is hereby given that Kenneth and Robert Bolzer
whose post office address is Martin, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
2.0 cubic feet of water per second of time from the ground water through the
Bolzer #1, the point of diversion of which is to be located in the

Center of the SE $\frac{1}{4}$ of Section 15, Twp. 38N, Range 36W. Said water to be used for the purpose

of providing irrigation on the following described land:

SE $\frac{1}{4}$, Section 15, T38N, R36W

This application No. 1425-2 will be considered by the Water Rights Commission at their office at
Pierre upon the 29th day of September, 1976, at 10:00 A. All interested
persons may appear and be heard.

WATER RESOURCES COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: Kenneth and Robert Bolzer, Martin, SD 57561

Form 8 - Proof of Publication - Notice of
Intent to Appropriate Water

No. 1425-2

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Bennett) ss.

I, Mary E. Long hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Bennett County Booster II

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

City of Martin

County of Bennett and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

September 9, 1976

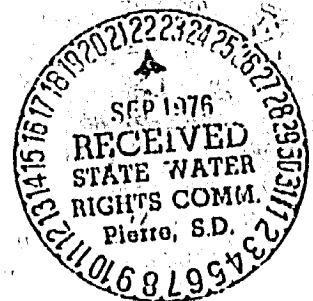
September 16, 1976

Mary E. Long
(Signature)

Owner
(Title)

Sept 17, 1976
(Date Signed)

NOTICE INTENT TO
APPROPRIATE WATER
No. 1425-2
Pierre, South Dakota 57
August 31, 1976
Notice is hereby given that
Kenneth and Robert B. Bozler
whose post office address is
Martin, South Dakota has made
an application in accordance with
the provisions of the water laws
of South Dakota for a permit to
appropriate for beneficial use 2.0
cubic feet of water per second of
time from ground water through
the Bozler No. 1 the point of
diversion of which is to be located
in the center of the SE 1/4 of
Section 15, Twp. 18N, Range 35W,
Said water to be used for the
purpose of providing irrigation on
portions of the following de-
scribed land: SE 1/4 Section 15,
T38N, R35W, 1/4 Sec. 15, T38N, R35W
This application No. 1425-2 will
be considered by the Water
Rights Commission at their office
at Pierre, upon the 29th day of
September, 1976 at 10:00 a.m. All
interested persons may appear
and be heard.
WATER RESOURCES
COMMISSION
By Burton F. Jones
Water Rights Specialist





BENNETT COUNTY, SOUTH DAKOTA NO. 28

Land division corners are approximately positioned on this map.

Land division corners are approximately positioned on this map.

This map is one of a set compiled in 1969 as part of a soil survey by the United States Department of Agriculture, Soil Conservation Service, the United States Department of the Interior, Bureau of Indian Affairs, and the South Dakota Agricultural Experiment Station.

MAP NO 1208-2 1 715,000 FEET APPL NO 1425-2
Plane coordinate projection, 1927 North American datum.
5,000-foot grid ticks based on South Dakota coordinate system,
south zone. Mosaic compiled from 1961 aerial photographs. 1426-2