

Water Right Number 3660-3

1. Considered 3.23 19 77
2. Name of Applicant CHARLES BOYNTON
3. Post Office Address BATH
4. Amount of Water claimed 2.15
5. Source of Water supply 150' WELL
6. Water to be used for IRRIGATION
- Acres to be irrigated 151
7. Water to be diverted and used in CLARK County
about 6S, 7E miles of CONDE
8. Proof of Publication Received 3-17-77
Not Received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action Deferred _____

10. Remarks:

Map No. 2934-3 Water Division No. 3 JAMES 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)

1. Name of Applicant Charles L. Boynton
 Postoffice address Bath, State South Dakota 57427
 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 Charles L. Boynton Irrigation Project #2
4. Amount of water claimed (cubic feet per second) 2.26
5. Source of water supply Well
6. Location of point of diversion 80 Rods East and 80 Rods North of the SW corner of sec. 33-119-59

- County Clark
7. Annual period or periods during which water is to be used April 1 through November 1
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 151

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 SW 1/4 33-119-59	39		
SW 1/4 SW 1/4 33-119-59	33		
NE 1/4 SW 1/4 33-119-59	40		
SE 1/4 SW 1/4 33-119-59	39		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 3 years.
11. Choice of newspaper for Notice of Intent to appropriate Water publication American News, Aberdeen, S. Dak. 57401
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.
Well & Pumping System

B. Works proposed to transport water to place of use.

Pipeline

C. Works proposed to apply water to beneficial use.

Pivot irrigation system and big gun

Estimated Total Cost \$ 46,000.00

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 Brown

I, Charles L. Boynton 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 Charles L. BoyntonSubscribed and sworn to before me this 15 day of February 1977

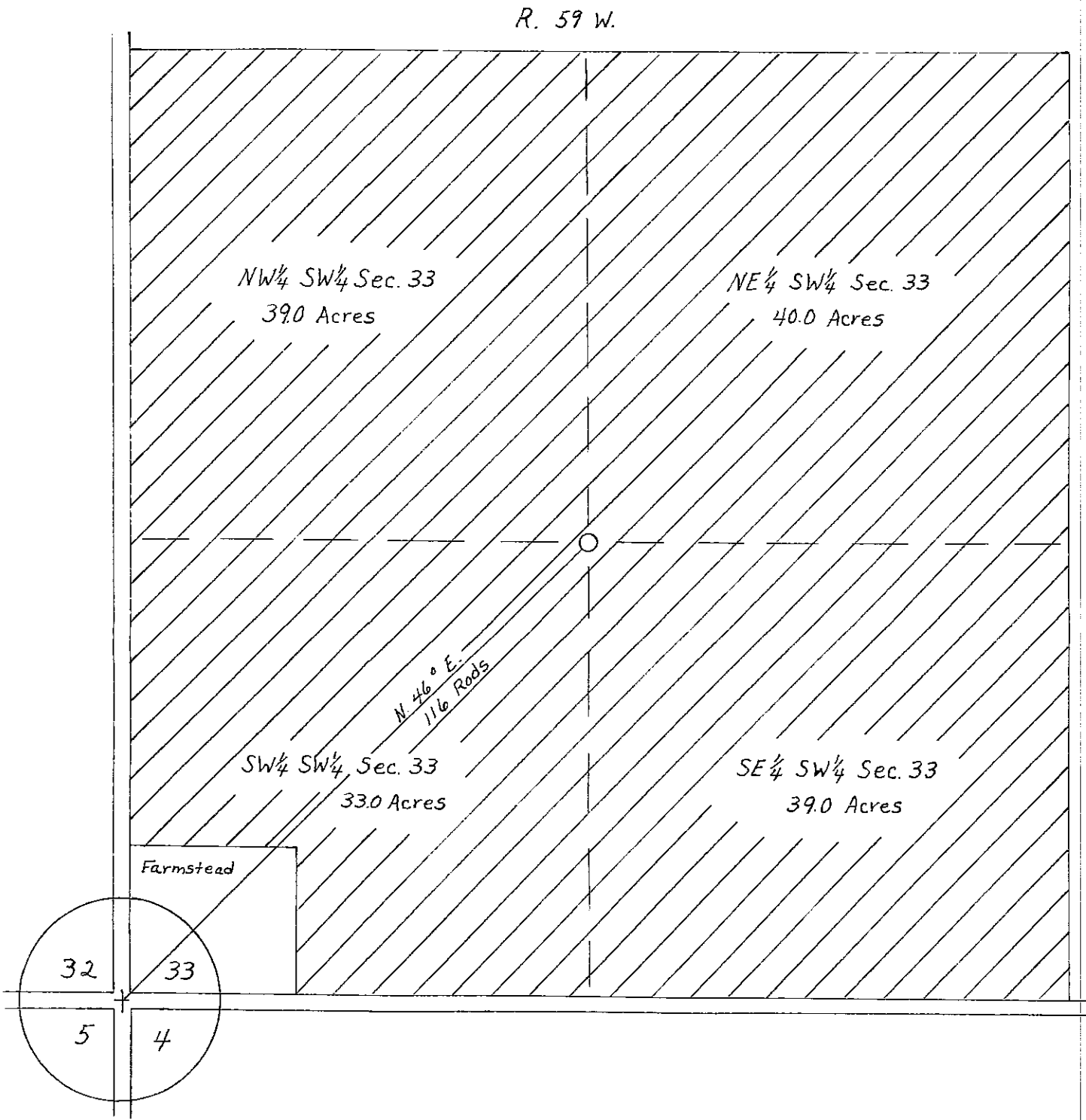
Notary Public (or other qualified officer)

My Comm. expires Sept 14, 1984

All Lands Described Are Owned By Charles Boynton

LOCATION OF LAND TO BE IRRIGATED				
LOCATION	SECTION	TOWNSHIP	RANGE	ACRES
NW $\frac{1}{4}$ SW $\frac{1}{4}$	33	119	59	39.0
NE $\frac{1}{4}$ SW $\frac{1}{4}$	33	119	59	40.0
SW $\frac{1}{4}$ SW $\frac{1}{4}$	33	119	59	39.0
SE $\frac{1}{4}$ SW $\frac{1}{4}$	33	119	59	39.0
TOTAL				151.0

 LAND TO BE IRRIGATED
 PUMP SITE



Scale: 1" = 400'

SURVEYOR'S CERTIFICATE

I, Franklin L. Fite DO HEREBY CERTIFY THAT THIS MAP IDENTIFIES A REASONABLY ACCURATE RECORD OF THE LAND OF Charles L. Boynton, IRRIGATION PROJECT NO 2 AND HAS BEEN PREPARED BY:

SIGNATURE: Franklin L. Fite
TITLE: District Conservationist
Soil Conservation Service

SUBSCRIBED AND SWORN TO BEFORE ME THIS 14th DAY OF February, 1977, A.D.

Shirley Swanson
NOTARY PUBLIC

MY COMMISSION EXPIRES March 29, 1984.

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3660-3
C. CHARLES BOYNTON BATH
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57427 With the following modifications:
 (State)

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 adequate domestic wells or in irrigation wells having prior water rights.

SW
 4391-3

Date of first receipt of application FEBRUARY 16 19 77
 Date of return to applicant for correction, amendments or changes required --- 19 ---
 Date of receipt of corrected application FEBRUARY 18 19 77
 Approved MARCH 23 19 77, Recorded in Book 18 Page 29
 WATER RIGHT PERMIT NO. 3660-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3660-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application 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 FEBRUARY 16 19 77 23
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 20 19 79
3. The whole of said work is to be completed on or before MARCH 23 19 82
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MARCH 23 19 85
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 2.15 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 MARCH 23 19 85; said water to be used during the following described annual period: APRIL 1 THRU NOVEMBER 1

Witness my hand this 20TH day of APRIL 19 77

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 30", Depth 150'
 (2) Casing Type Steel Diameter 1 1/2" Thickness .250
 (wood, concrete, steel, etc.)
 (3) Perforated Screen.
 Type Johnson ~~Impeller~~ Diameter 1 1/2" Length 30'
 (4) Gravel Pack, Thickness ?, Length of gravel pack 150'

E Dugout Information or Estimates

- (1) Surface dimensions Not Applicable, Depth _____

F 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 _____

0-28' Sandy yellow clay

28-60 Blue clay

60-150' Sand and gravel

Depth to top of water bearing material 60'

Depth to bottom of water bearing material 150'

Thickness of water bearing material 90'

Depth to water (ground surface to water level) 3.5' approx.

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

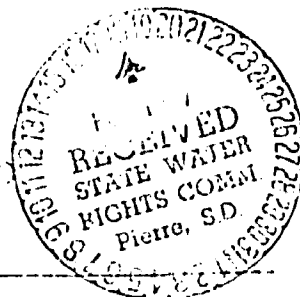
On same owner's property 1600 ft. On property owned by others 4400 ft.

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.

Charles Register
 Signature of Applicant

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



NAME Charles L. Roynton
ADDRESS Conde, S. Dak.
COUNTY Clark

LEGAL DESCRIPTION

1. WELL LOCATION 80 rods E & 80 rods N of SW corner sec-33, twp-119, range-59 Clark Co.
2. LOCATION OF AREA TO BE IRRIGATED SW Section 33, twp-119, range-59 Clark Co.

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X GUN X
4. CROPS TO BE IRRIGATED Alfalfa & hay land

WATER QUALITY

5. SAMPLE NUMBER 77-178
6. SALINITY (EC X 10⁶) 1082 (high)
7. SODIUM (SAR) 0.55 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and:
the soils information has been acquired from Clark Conservation District,
County Extension office or Soil Conservation Service.
and:
that the legal description for the location of the well and land to be irrigated is true
and correct.

Charles L. Roynton
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
1st DAY OF July 19 21

Edmund
(TITLE OR SEAL)

Clark County, South Dakota
(SOILS INFORMATION ON REVERSE SIDE)
my commission expires 12/31/21

Albert J. Hoffer
APPROVED/DENIED

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

Submitted by: Charles L. Boynton
 Address: Bath, SD 57427

Date Rec'd: February 25, 1977
 Sample No.: 77-178
 Identification: Well-
S.W., Sec. 33, T 119N, R 59W

WATER ANALYSIS

Calcium (Ca)	157	ppm*	7.35	me/l**
Magnesium (Mg)	51	ppm	4.18	me/l
Sodium (Na)	31	ppm	1.35	me/l
Potassium (K)	7	ppm	0.18	me/l
Sulfate (SO ₄)	385	ppm	8.01	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	7	ppm	0.20	me/l
Bicarbonate (HCO ₃)	354	ppm	5.80	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)	290	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1087	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.55			
Sodium	9.95	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.65			
Others:				

*ppm=parts per million

**me/l=miliequivalents per liter

***g.p.g.=grains per gallon

COMMENTS: Total cations 13.56 me/l
 Total anions 14.01 me/l

By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	\$15.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment



February 10, 1977

Mr. Charles L. Boynton
Lath, SD 57427

Dear Mr. Boynton:

Your water sample (Lab. No. 77-176) has been analyzed and the results are reported on the accompanying sheet, which is your copy to keep.

I am also enclosing a copy of AES pamphlet #13 for your use. The quality of your water for irrigation use is plotted approximately by means of the red cross in the chart on the outside back cover.

Your water, as indicated by this analysis, is satisfactory for use on the soils you indicate will be irrigated. If a salt problem or a water table problem should develop, contact extension personnel for assistance.

The WI-1, soils information, and a copy of the water analysis are being forwarded to the State Conservation Commission for their action.

Sincerely yours,

L. O. Fyne

L. O. Fyne
Water Quality Lab

LOF:ckb

Enclosures

cc: State Conservation Commission

P.S. Soil area 2146al in the northeast corner should be kept in permanent grass-alfalfa.

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

No. 3660-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Brown) ss.

I, Dianne Brenden hereby

certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Aberdeen American News

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 Aberdeen of

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

March 9, 1977

March 16, 1977

Dianne Brenden
(Signature)

Principal Clerk
(Title)

March 16, 1977
(Date Signed)

(No. 178-March 9-15-27)
NOTICE
INTENT TO
APPROPRIATE WATER
Notice is hereby given that
Charles Boynton whose post office
address is Bath, 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 2.13
cubic feet of water per second at
time from ground water through the
Charles L. Boynton Irrig. Proj. No.
2, the point of diversion of which is to
be located in the Center of SW1/4 of
Section 33, Twp. 11N, Range 59W.
Said water to be used for the purpose
of providing irrigation on portions of
the following described land: SW1/4
Section 33-T11N-R59W.
This application No. 3660-3 will be
considered by the Water Rights
Commission at their office at Pierre
upon the 22 day of March, 1977, at
10:00 A.M. All interested persons
may appear and be heard.
WATER RIGHTS COMMISSION
By: Jim Winteron
Water Rights Specialist



Form 6 - Notice of Intent to Appropriate Water

No. 2660-3

Publish first publication, on or before March 10, 19 77

**NOTICE
INTENT TO APPROPRIATE WATER**

Pierre, South Dakota 57501

March 10, 19 77

Notice is hereby given that Charles Boynton

whose post office address is Fath, 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

2.15 cubic feet of water per second of time from the Charles L. Boynton Irrig. Proj. # 2 through the

the point of diversion of which is to be located in the

Center of SW $\frac{1}{4}$

of Section 33, Twp. 11N, Range 5E. Said water to be used for the purpose

of providing irrigation on the following described land:

SW $\frac{1}{4}$, Section 33-T11N-R5E

This application No. 2660-3 will be considered by the Water Rights Commission at their office at Pierre upon the 03 day of March, 19 77, at 10:00 A. M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON R. JONES JIM WINTERTON
Water Rights Specialist

BFJ/bw
cc:

Charles Boynton, Fath, South Dakota 57427



Joe Foss Building - Water Rights Division
Pierre, South Dakota 57501

(605) 773-3352

No. 4391-3

3660-3

January 25, 1983

Charles Boynton
Box 21
Bath SD 57427

Dear Mr. Boynton:

Enclosed herewith are, Water License No. 4391-3 and Certificate of Construction.

Water License No. 4391-3 is the final water right document completing your process of obtaining a water right.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH: ks

enclosures

NOTE: The applicable portions of Permit No. 3660-3 have been incorporated into this Water License No. 4391-3

WNR-817-7/79
Transmittal of Water License

NOT TO SCALE

3660
4391

119-59

✓
579-119L

24.2

21.2

40.5

33

✓

5.6

32.8

100.6

Listed in Brown Co.
Listed in Brown Co.

Listed in Brown County

2800'
8" BORED PVC

310'
WELL

1150'

1000'

119-59