

Water Right Number 3052-3

1. Considered 10-21, 1976
2. Name of Applicant W. Furr Diller
3. Post Office Address Hitchcock
4. Amount of water claimed 2.30
5. Source of water supply 65' deep well
6. Water to be used for irrigation
Acres to be irrigated 180
7. Water to be diverted and used in Spink County
about 4E, 6N Miles 1ST of Hitchcock
8. Proof of Publication
Received 1ST
Not received _____
9. Application
Approved _____
Subject to _____
Not approved _____
Action deferred _____
10. Remarks:

No. 3052-3
 Map No. 2376-3 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 Sou.

(NOTE: Draw a line through items not applicable)

1. Name of Applicant W. (Walter) Trevor Bixler
 Postoffice address RR #1, Hitchcock, State South Dakota 57348
 If a corporation show date and place of incorporation No
 2. Method of accomplishing work (contract, employment of others, or by direct labor) Direct Labor
 3. Name of diversion work W. (Walter) Trevor Bixler #1
 4. Amount of water claimed (cubic feet per second) 2.5
 5. Source of water supply Ground Water
 6. Location of point of diversion A POINT IN THE CENTER OF T14N25W
SECTION 6, T14N, R62W
 County Spink
 7. Annual period or periods during which water is to be used March - November
 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 180
 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 6-114-62	60		
NE 1/4 6-114-62	10		
SW 1/4 6-114-62	90		
SE 1/4 6-114-62	20		

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 2 years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication The Daily Plain, Huron, So. Dak.
 12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

Pump Bowl

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

Main Line

C. Works proposed to apply water to beneficial use.

Center Pivot

Estimated Total Cost \$ _____

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

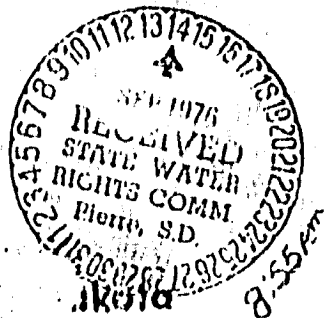
County of Spink

I, W. (Walter) Trevor Bixler 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

W. (Walter) Trevor BixlerSubscribed and sworn to before me this 13 day of September 19 76

Notary Public (or other qualified officer)

James H. ...

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3052-3
WALTER TREVOR BIXLER RR#1, HITCHCOCK
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57348 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 existing domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application SEPTEMBER 14, 19 76
 Date of return to applicant for correction amendments or changes required _____, 19 ____
 Date of receipt of corrected application OCTOBER 7, 19 76
 Approved OCTOBER 21, 19 76, Recorded in Book 14 Page 155

WATER RIGHT PERMIT NO. 3052-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3052-3 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 SEPTEMBER 14, 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before APRIL 21, 19 79
3. The whole of said work is to be completed on or before OCTOBER 21, 19 81
4. The limit of time from or of of beneficial use of water appropriated in accordance herewith is OCTOBER 21, 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 2.3 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 OCTOBER 21, 19 83; said water to be used during the following described annual period: MARCH - NOVEMBER

Witness my hand this 1ST day of DECEMBER, 19 76

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued January 1, 19 79

Water License Issued January 1, 19 79

PAGE NO.

Steven Kuehl
FOREMAN

[illegible]

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

D. Well Information or Estimates

(1) Drill Hole, Diameter _____, Depth _____

(2) Casing, Type _____, Diameter _____, Thickness _____
(wood, concrete, steel, etc)

(3) Perforated Screen.

Type _____, Diameter _____, Length _____

(4) Gravel Pack, Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates

(1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout. *Log will be furnished by driller

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

Character of Water bearing materials _____

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Thickness of water bearing material _____

Depth to water (ground surface to water level) _____

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

On same owner's property 100 _____ rds. On property owned by others 320 _____ rds.

G. Water Storage Dams.

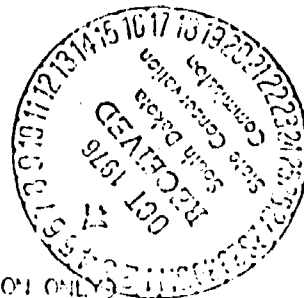
If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

W. Trevor Byler

Signature of Applicant

CONSERVATION
COMMISSION
FORM W1 #1

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 Walter Trevor Bixler

ADDRESS RR #1, Hitchcock, South Dakota 57348

COUNTY Spink

LEGAL DESCRIPTION

1. WELL LOCATION: N $\frac{1}{2}$ of SW $\frac{1}{4}$ of 6-114-62
2. LOCATION OF AREA TO BE IRRIGATED NW $\frac{1}{4}$ 6-114-62, NE $\frac{1}{4}$ 6-114-62, SW $\frac{1}{4}$ 6-114-62, SE $\frac{1}{4}$ 6-114-62

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X GUN _____
4. CROPS TO BE IRRIGATED Corn, Alfalfa, Small Grain

WATER QUALITY

5. SAMPLE NUMBER 76-1345
6. SALINITY (EC X 10⁶) 1379 (high)
7. SODIUM (SAR) 1.39 (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 Spink 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.

Walter Trevor Bixler
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
13 DAY OF September 1976.

James A. Osberg
(TITLE OR SEAL)

Cons. Supv. 11-6-76

(SOILS INFORMATION ON REVERSE SIDE)

Approval does not imply that this project can be carried out successfully in all circumstances. Individual management will, to a large degree, determine the relative success of this venture.

James A. Osberg
APPROVED/DISAPPROVED

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

Submitted by: Walter Trevor Bixler Date Rec'd. September 13, 1976
 Address: Hitchcock, SD 57348 Sample No. 76-1345
cc: Huron Drilling, Inc. Identification # #1 Well-
P.O. Box 1422 SW 1/4, Sec. 6, T. 114N, R. 62E
Huron, SD 57350

WATER ANALYSIS

Calcium (Ca)	191	ppm*	9.55	me/l**
Magnesium (Mg)	56	ppm	4.60	me/l
Sodium (Na)	85	ppm	3.70	me/l
Potassium (K)	15	ppm	0.39	me/l
Sulfate (SO ₄)	422	ppm	8.78	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	54	ppm	1.53	me/l
Bicarbonate (HCO ₃)	444	ppm	7.28	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)	364	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1379	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.39			
Sodium	20.28	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.73			
Others:				

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 18.24 me/l
 Total anions 17.59 me/l

By Shirley Litten

Service Performed	Amount Due
Irrigation analysis	\$8.00

PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

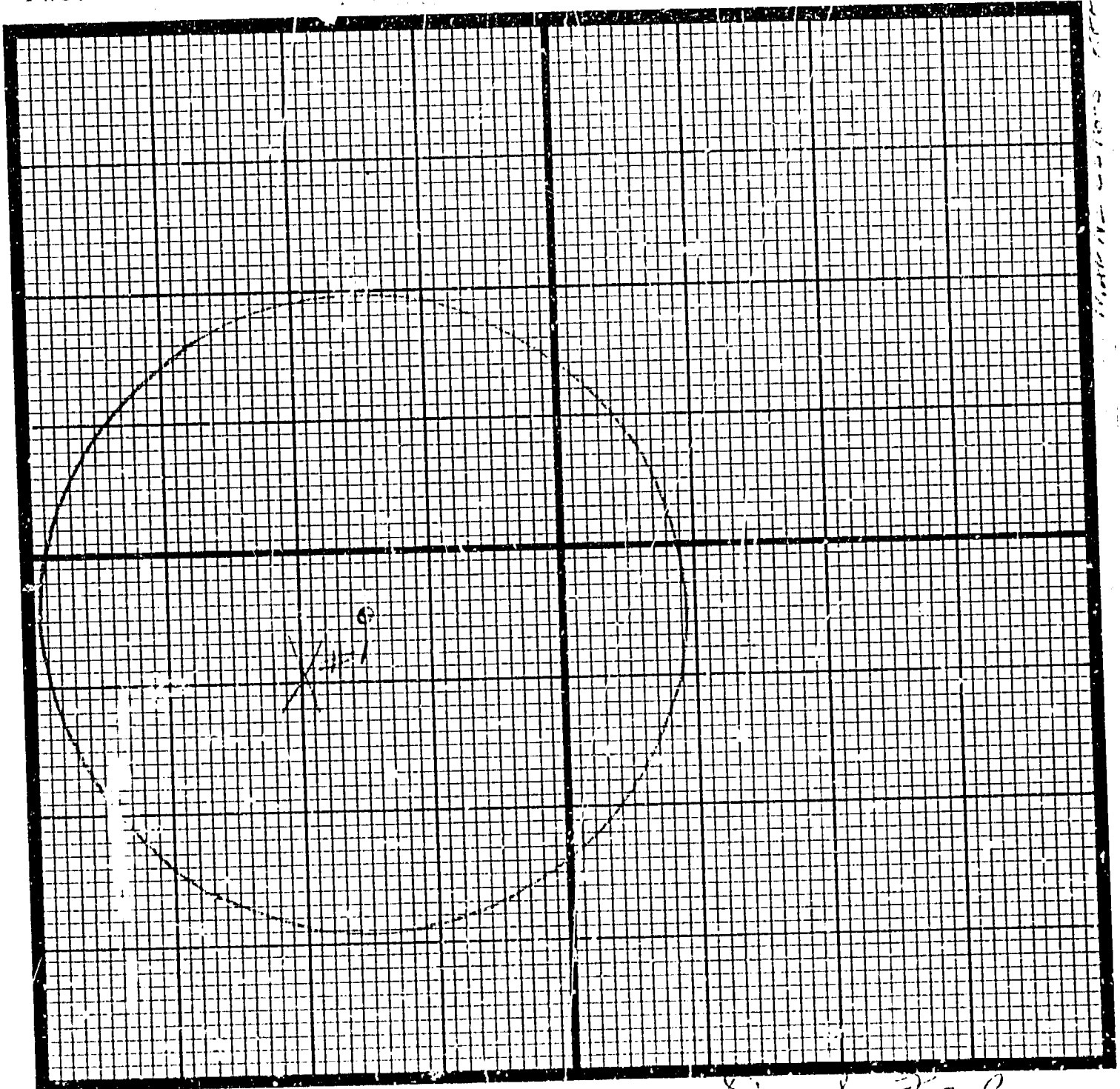
Sample No. 76-1345

Amount Enclosed \$

Signed

HURON DRILLING INC.
WELL LOCATION MAP

NAME E. (Walter) Trevor Hixler DATE September 13 19 76
WELL NO. #1 SW QUARTER, SECTION 6
TWP. 114 RANGE 62 IN Spink COUNTY



X — PROPOSED LOCATION

Prepared By Dick Fadgen
Dick Fadgen
Beadle County Extension Agent



October 4, 1976

Mr. Walter Trevor Bixler
R.R. #1
Hitchcock, SD 57348

Dear Mr. Bixler:

Your water sample (Lab. No. 76-1345) 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 AHS 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.

This water is marginal for use on the soils you intend to irrigate and should be considered for use only under the following conditions:

(1) It will be used no more than 3 times (preferably less) in any growing season.

(2) The soil will be completely filled with water so natural leaching can occur, by irrigating in the late fall just before freeze-up, at least one year out of 3.

(3) Water applications will be made each irrigation to completely re-wet the entire depleted soil within the rooting zone of the crop being grown. This may require 3-5 inches of water each irrigation with fine soils.

(4) If a salt problem or soil dispersion occurs, contact extension personnel or this office for management recommendations.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission

Permit No. 3052-3

Water Diversion No. 3 James River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That W. Trevor Bixler

_____ the holder _____ of
Permit No. 3052-3, issued upon Application No. 3052-3, bearing date of priority of September 14,
1976 authorizing the diversion of 2.3 cu. ft. per second of the waters of _____
groundwater (one well) County of Spink, State of South Dakota at _____
1960 feet north and 1320 feet east of the SW corner, Section 6-T114d-R62W

_____ 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 certified in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place or places of use 1.88 cu. ft. per second of water

Date January 4, 1979



JOHN HATCH, Chief Engineer
Water Rights Commission

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 3052-3

(1) WHEREAS, On the 14th day of September, A. D. 19 76

W. Trevor Bixler

made Water Right Application No. 3052-3 for a permit to use 2.3 cubic feet per second of the waters of groundwater (one well)

County of Spink, State of South Dakota, for Irrigation

purposes; and

(2) WHEREAS, On the 21st day of October, A. D. 19 76

Permit No. 305233, with a date of priority of September 14, 1973

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 21st day of October, A. D. 19 81, and for the application to beneficial use of said water on or before the 21st day of October, A. D. 19 83

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 1.88 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:

to irrigate a 180 acre circle in Section 6-T114N-R62W as follows:

SW $\frac{1}{4}$ 90 acres

NW $\frac{1}{4}$ 60 "

NE $\frac{1}{4}$ 10 "

SE $\frac{1}{4}$ 20 "

TOTAL 180 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, W. Trevor Bixler

Hitchcock SD

of _____
the holder _____ and owner _____ of said permit No. 3052-3 a water right, dating from September 14, 1976
to use of 1.88 cubic feet per second of the waters
of groundwater (one well)

in the County of Spink and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at 1960 feet north and 1320 feet east of the SW
corner, Section 6-T114N-R62W

and conduct to and upon a 180 acre circle in Section 6-T114N-R62W, more fully described
on the face of this license

for the purpose of Irrigation

Subject to any limitations listed in Water Right Permit No. 3052-3 and subject to the laws of the State of South Dakota.

WITNESS My hand and seal of our office at Pierre, South Dakota
this 4th day of November A. D.
Nineteen Hundred and Seventy-nine

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer, JOHN HATCH

No. 3052-3Publish first publication, on or before October 12, 1976NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

October 7, 1976

Notice is hereby given that W. Trevor Bixler
whose post office address is Hitchcock, 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
2.3 cubic feet of water per second of time from the ground water through the
Bixler # 1, the point of diversion of which is to be located in the

Center of the N $\frac{1}{2}$ SW $\frac{1}{4}$

of Section 6, Twp. 114N, Range 62W. Said water to be used for the purpose
of providing irrigation on the following described land:

SW $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, Section 6, T114N, R62W

This application No. 3052-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 21st day of October, 1976, at 1:00 P. M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights SpecialistBFJ/bw
cc:

W. Trevor Bixler, R. R. #1, Hitchcock, S. D. 57348

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

No. 3052-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Beadle) ss.

I, Dorothy Murpny hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Huron Daily Plainsman

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 Huron

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

October 11, 1976

October 18, 1976

Dorothy Murpny
(Signature)

Bookkeeper
(Title)

October 18, 1976

(Date Signed)

PUBLIC NOTICE

F.P. 10-11-76 L.P. 10-18-76

NOTICE OF INTENT TO APPROPRIATE WATER
Pierre, South Dakota 57501
October 7, 1976

Notice is hereby given that W. Trevor Bixler whose post office address is Hitchcock, 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 1.3 cubic feet of water per second in line from ground water through his Dixer No. 1, the point of diversion of which is to be located in the Center of the NW 1/4 of Section 6, Twp. 114N, Range 62W. Said water to be used for the purpose of providing irrigation on portions of the following described land: SW 1/4, S 1/2 NW 1/4, SW 1/4 NE 1/4, W 1/2 SE 1/4, Section 6, T114N, R62W.

This application No. 3052-3 will be considered by the Water Rights Commission at their office at Pierre upon the 21st day of October, 1976, at 1:30 P.M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION
By: Burton F. Jones
Water Rights Specialist
No. 591 (adv.)



Permit No. 3052-3Water Division 3 JAMES RIVER Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

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

I have this day made a thorough examination of the water use system constructed by W. TREVOR
BIXLER of HITCHCOCK holder
of Permit No. 3052-3 bearing date of priority of SEPTEMBER 14, 1976
authorizing the diversion of 2.3 cu. ft. per second of the waters of GROUNE WATER
for IRRIGATION purposes, in SPIKE 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:

65' DEEP WELL WITH 16" PLASTIC CASING
AURORA 8" VERTILINE PUMP - 6 STAGE - 10" BOWLS, POWERED
BY 60H-GE ELECTRIC MOTOR

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

ABOUT 450' 10" BURIED PLASTIC LINE TO CENTER
PIVOT PAD

C. Works used to apply water to beneficial use.

1500' CENTER PIVOT SYSTEM - VALLEY ELECTRIC
WITH END GUN

The system is in the following condition:

The point of diversion is located 1960' N & 1320' E OF THE SW CORNER,
SECTION 6, T114N, R67W

The works are capable of diverting and conveying to the place of use 1.88 (850 GPM)cu. ft. per second of water which is to be used for IRRIGATIONWater has been put to beneficial use to the maximum extent as follows: FOR IRRIGATING A

180 ACRE CIRCLE - SW¹ - 90 ACRES; NW¹ - 60 ACRES;
NE¹ - 10 ACRES & SE¹ - 20 ACRES, ALL IN SECTION 6,
T. 114N, R. 67W

comprising a total of 180 acres of land.Date OCTOBER 9, 1978

Burton Jones
(Signature)
WATER RIGHT SPECIALIST

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

N2 4 6623

PIERRE, December 13, 1913

RECEIVED OF W. Trevor Bivler, Bivler Farms, Hitchcock SD

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to appropriate Water No. <u>3025-3</u> (examination, processing, recording and filing) -----		
Fee for inspecting Construction, and issuing Cert. of Construction No. <u>3025-3</u> -----	50	0
Fee for inspecting Beneficial Use, and Issuing Water License No. <u>3025-3</u> -----		
Fee for Issuing Location Certificate-Dry Draw, No. -----		
Fee for filling -----		
Fee for certified copy of -----		
Fee for Print copy of map -----		
Fee for Certifying -----		
Fee for -----		
(any other work as provided by law)		
TOTAL	50	0

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer
JOHN HATCH



3052-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501 3191

November 16, 1993

No. 3052-3

Reed Bixler
Bixler Farms
Box 40
Hitchcock, SD 57348

Dear Mr. Bixler:

Enclosed is a partially completed "Notice of Transfer" form for use in filing an ownership change on Water Right No. 3052-3. The water right is currently listed in the name of Walter Trevor Bixler.

The transfer form should be checked over for accuracy and signed by the new owner in the presence of a notary public. Upon completion, return the form to our office with a required filing fee of \$2.50.

South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a water permit or water right to appropriate water to be filed with this office within ninety days.

If you have any questions, please contact me.

Sincerely,

Cheryl F. Frost

Cheryl F. Frost
Secretary
Water Rights Division
(605) 773-3352

enclosure

3052-3

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Division, DENR
3 E. Capitol
Pierre, SD 57501-3181

No. 3052-3Date: 1/26/94I\We request that Water Right No. 3052-3formerly owned by: Walter Trevor Bixler

be transferred to: (name & address)

Bixler FarmsHC 75 Box 40Hitchcock, S.D.57348

(Telephone No)

605-266-2771

Title to the following described land(s)/property has been transferred as described above:

180 acre circle in Section 6, T114N, R62W

I\We understand that the validity of Water Right No. 3052-3 has not been determined by this transfer action. If I\We have any questions on validity, I\We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file at the Division of Water Rights, as evidence of the change of ownership.

A fee of Two Dollars and Fifty Cents (\$2.50) is attached to cover the filing fees as required under SDCL 46-2-13.

STATE OF SOUTH DAKOTA)

County of SPINK)

I\We Bixler Farms 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, and that I know of my own personal knowledge that the information herein stated is true.

(Signed)

Subscribed and sworn to before me this 26th day of January, 1994.

(Notary Public)

NOTE: Water permits may be cancelled for nonconstruction within the five year construction period. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

Division of Water Rights

Pierre, January 31, 1994

the following amount in fees for services rendered as provided for by law:

By (SAR) HALL / Gmk
Chief Engineer

3052-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

February 8, 1994

No. 3052-3

Reed Bixler
Bixler Farms
HC 75, Box 40
Hitchcock, SD 57348

Dear Mr. Bixler:

Enclosed is a receipt in the amount of \$2.50 which you paid for the transfer of Water Right No. 3052-3.

Our records now show you as the owner of Water Right No. 3052-3.

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Division
(605) 773-3352

enclosure

SOUTH DAKOTA WATER WELL COMPLETION REPORT

3052-3

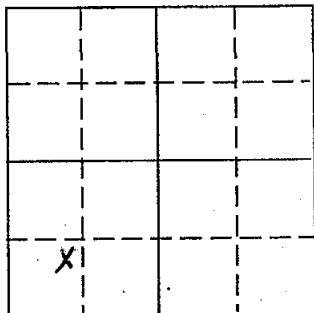
11-02

Location SW 1/4 SW 1/4 Sec 6 Twp 114N Rg 62W

County

Spink

North



Please mark well location with an "X"

Well completion Date

8-5-12

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

200 ft. from old well (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring

METHOD OF DRILLING:

Direct Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>4.2 LB/FT</u>	<u>16 IN</u>	<u>244 FT</u>	<u>45 FT</u>	<u>22 IN</u>
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type Grout No. of Sacks 65 Grout Weight 0 Lb/gal 0 Ft 45 Ft 45 Ft

Describe grouting procedure pressure grouting

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 16 Inches Length 20 Feet

Material SS

Slot Size 20 Set From 45 Feet to 65 Feet

Other information _____

WAS A PACKER OR SEAL USED?

☐ Yes ☐ No

If so, what material? _____

Describe packer(s) and location _____

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How? _____

☐ No, Why Not? _____

Lab sample sent to for water quality analysis _____

Well Owner:

Bixler Farms

Business Name:

Bixler Farms

Address:

39477 184th St

City, State, Zip:

Hitchcock SD 57348

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>2</u>
<u>yellow clay</u>	<u>2</u>	<u>12</u>
<u>sand</u>	<u>12</u>	<u>18</u>
<u>Blue clay</u>	<u>18</u>	<u>37</u>
<u>Corey Mudstone</u>	<u>37</u>	<u>65</u>

STATIC WATER LEVEL

13 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: Sub

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

36 Ft. After 12 Hrs. pumped 800 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: none GPM

REMARKS

This well was drilled under license # 659

And this report is true and accurate.

Drilling firm: KIND

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: _____

RECEIVED

JAN 31 2013

WATER RIGHTS PROGRAM

Please return **WHITE COPY** to: DENR Water Rights

523 E Capitol Ave. Pierre SD 57501