

Water Right Number 3051-3

1. Considered 10-21, 19 76
2. Name of Applicant Larry Erickson
3. Post Office Address Centerville
4. Amount of water claimed 1.70
5. Source of water supply 135' deep well
6. Water to be used for irrigation
Acres to be irrigated 120
7. Water to be diverted and used in Clay County
about 55 1/4 Miles of Centerville
8. Proof of Publication
Received 10-20-76
Not received _____
Approved _____
Subject to _____
Not approved _____
Action deferred _____
9. Application
10. Remarks:

No. 2251-3Map No. 2375-3 Water Division No. 3 VERMILLION 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 Larry Erickson
 Postoffice address Centerville, State South Dakota
 If a corporation show date and place of incorporation NA
2. Method of accomplishing work (contract, employment of others, or by direct labor) contract
3. Name of diversion work -None# ERICKSON #2
4. Amount of water claimed (cubic feet per second) 1.7 CFS
5. Source of water supply Ground
6. Location of point of diversion None CENTER OF THE SE² SECTION 9,
T95N, R52W
 County Clay
7. Annual period or periods during which water is to be used May-Oct.
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 120

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.
SW ¹ /4 SEC 9, T95N, R52W	35		
NW ¹ /4 SEC 9, T95N, R52W	30		
NE ¹ /4 SEC 9, T95N, R52W	25		
SE ¹ /4 SEC 9, T95N, R52W	30		

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 4 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Centerville Journal
ARGUS LEADER, SIOUX FALLS
12. Principal Features of the Proposed Water Supply System.
- A. Works proposed to divert water from its natural source.
well
- B. Works proposed to transport water to place of use.
well located near center of pivot
- C. Works proposed to apply water to beneficial use.

center pivot system

Estimated Total Cost \$ 10,000

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 TURNER) ss.

I, LARRY ERICKSON, 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.

Subscribed and sworn to before me this

25

day of

June1976

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 3051-3
LARRY ERICKSON CENTERVILLE
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57014 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 JUNE 23, 1976
 Date of return to applicant for correction, amendments or changes required _____, 19____
 Date of receipt of corrected application SEPTEMBER 7, 1976
 Approved OCTOBER 21, 1976, Recorded in Book 116 Page 154

WATER RIGHT PERMIT NO. 3051-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 3051-3 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 7, 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before APRIL 21, 1979
3. The whole of said work is to be completed on or before OCTOBER 21, 1981
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is OCTOBER 21, 1985
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 1.7 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, 1985; said water to be used during the following described annual period: MAY - OCTOBER

Witness my hand this 1ST day of DECEMBER 1976

WATER RESOURCES 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 12", Depth 135'
- (2) Casing, Type Steel (wood, concrete, steel, etc) Diameter 14" Thickness 1/4"
- (3) Perforated Screen.
Type Johnson, Diameter 14", Length 30'
- (4) Gravel Pack. Thickness 2", Length of gravel pack 40'

E. Dugout Information or Estimates.

- (1) Surface dimensions _____, 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 0-22 Yellow Clay + Sand
22-31 Yellow clay
31-82 Blue clay
82-97 Gravel
97-135 Gravel + water bearing sand

Depth to top of water bearing material 97'

Depth to bottom of water bearing material 150'

Thickness of water bearing material 6'

Depth to water (ground surface to water level) 75'

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

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

G. Water Storage Dams.

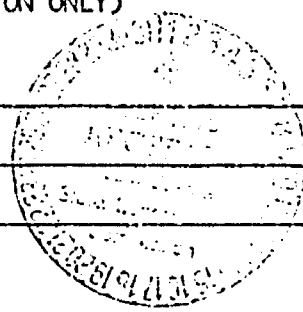
If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Larry C. [Signature]
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 Iver Erickson
ADDRESS 721 Montana Centerville, S. D. 57014
COUNTY Turner



LEGAL DESCRIPTION

1. WELL LOCATION 116 rods E 40° NW of SE corner of Sec 9-95-52
2. LOCATION OF AREA TO BE IRRIGATED SE 1/4 of Sec 9-95-52

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT Sprinkler GUN _____
4. CROPS TO BE IRRIGATED corn, beans

WATER QUALITY

5. SAMPLE NUMBER 76-690
6. SALINITY (EC X 10⁶) 5.77 (moderately high)
7. SODIUM (SAR) 0.40 (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 _____ 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.

Iver Erickson
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
DAY OF July 1976.

[Signature]
(TITLE OR SEAL)

[Signature]
APPROVED/DISAPPROVED

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

Submitted by: Irvin, Delmon
 Address: Wenterville, SD 57014

Date Rec'd: June 23, 1976

Sample No.: 76-010

Identification

WATER ANALYSIS

Calcium (Ca)	139	ppm*	6.40	me/l**
Magnesium (Mg)	39	ppm	3.20	me/l
Sodium (Na)	20	ppm	0.89	me/l
Potassium (K)	8	ppm	0.20	me/l
Sulfate (SO ₄)	211	ppm	4.39	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	6	ppm	0.16	me/l
Bicarbonate (HCO ₃)	351	ppm	6.24	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)	312	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	872	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.40			
Sodium	5.25	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.08			

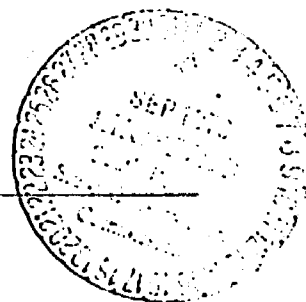
Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 10.78 me/l
 Total anions 10.79 me/l



By: Shirley Hutton

Service Performed

Amount Due

Irvin, Delmon analysis

18.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-010

Amount Enclosed \$

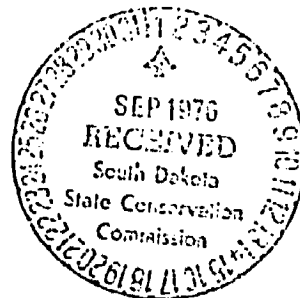
Signed

Memo

Eckman

O.K.

Water Resources Institute
South Dakota State University
Brookings, S.D. 57006
605-683-4910



4/1/83

3051-3 } Inspected to be incorporated. Inspection Form
2372-3 } never completed.

No Microfiche

Permit No. 3051-3
 Water Division 3 Vermillion River Water District

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

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / FOSS BLDG., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by LARRY
ERICKSON of CENTERVILLE holder 1975 *
 of Permit No. 3051-3 *, bearing date of priority of 1.8 CFS OCTOBER 7, 1975 *
1.7 CFS SEPTEMBER 7, 1976
 authorizing the diversion of 3.5 cu. ft. per second of the waters of GROUNDWATER
 for IRRIGATION purposes, in CLAY 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:

2 WELLS - BOTH 135' DEEP WITH 14" STEEL CASING - 120' SS SCREEN
 BOTH WITH LAYNE-BOWLER VERTILINE 8" PUMPS 5-12 KM WITH
 ROCKFORD PTO HOLLOWSHAFT GEAR HEAD @ 1750 RPM
 BOTH POWERED BY 120HP PERKINS DIESEL MOTORS

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

C. Works used to apply water to beneficial use.

The system is in the following condition: GOOD

The point of diversion is located _____

The works are capable of diverting and conveying to the place of use _____

cu. ft. per second of water which is to be used for IRRIGATION

Water has been put to beneficial use to the maximum extent as follows: ALL IN SECTION 9, T95N, R52W

<u>SE⁴</u>	<u>120 ACRES</u>	<u>NE⁴ NW⁴</u>	<u>36 ACRES</u>
<u>SW⁴ NW⁴</u>	<u>33 "</u>		
<u>NW⁴ NW⁴</u>	<u>28 "</u>		
<u>SE⁴ NW⁴</u>	<u>27 "</u>		

comprising a total of 244 acres of land.

Date _____

(Signature) _____

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

No. 3051 3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Minnehaha) ss.

I, Vernon E. Riley hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Sioux Falls Argus Leader

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 Sioux Falls

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

Tuesday October 12, 1976

Tuesday October 19, 1976

V.E. Riley
(Signature)

Production Manager
(Title)

October 19, 1976
(Date Signed)



3051-3

Publish first publication, on or before October 12, 19 76NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

October 7, 19 76Notice is hereby given that Larry Ericksonwhose post office address is Centerville, 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 use1.7 cubic feet of water per second of time from ~~the~~ ground waterErickson #3

through the _____, the point of diversion of which is to be located in the _____

Center of the SE $\frac{1}{4}$ of Section 9, Twp. 95N, Range 32W. Said water to be used for the purpose of providing irrigation on the following described land:SE $\frac{1}{4}$, Section 9, T95N, R52WThis application No. 3051-3 will be considered by the Water Rights Commission at their office at Pierre upon the 21st day of October, 19 76, at 1:00 P. M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: Larry Erickson, Centerville, S.D. 57014



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

APR 6 1990

5319-3

Larry Erickson
RR 2, Box 45
Centerville SD 57014

Dear Mr. Erickson:

Enclosed is Water License No. 5319-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 412069 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 5319-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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. If you have any questions, please contact our office.

The applicable portions of Water Permit No. 3051-3 have been incorporated into this Water License No. 5319-3.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures