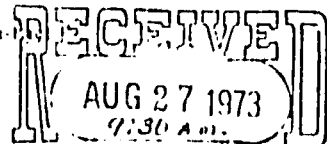


Water Right Number 2015-3

1. Considered MARCH 20, 1974
2. Name of Applicant ERNEST E. ROZELL, JR.
3. Post Office Address ELK POINT
4. Amount of Water claimed 2.28
5. Source of Water supply GROUND WATER
6. Water to be used for IRRIGATION
Acres to be irrigated 160
7. Water to be diverted and used in UNION County
about 3 miles S of ELK POINT
8. Proof of Publication Received 2-25-74
Not Received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action Deferred _____

10. Remarks:

No. 2015-3Map No. 1427-3 Water Division No. 3 BIG SIOUX RIVER
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

To Appropriate Water within the State of South Dakota

(NOTE - Draw a line through items not applicable)

1. Name of Applicant Ernest E. Rozell, Jr.
Postoffice address Elk Point State South Dakota
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 Irrigation Well #1
22.23 MAXIMUM ALLOWABLE
4. Amount of water claimed (cubic feet per second) 1200 gal. per min.
5. Source of water supply Ground water
6. Location of point of diversion 1320' East and 1320' South of Northeast Corner of
Section 6, Township 90, Range 49
Union County _____
7. Annual period or periods during which water is to be used June through Aug.
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 _____

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.
NE 1/4 Sec. 6, T. 90,			
R. 49	160		

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 1/2 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Leader-Courier
12. Principal Features of the Proposed Water Supply System.

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

B. Works proposed to transport water to place of use. Well with aprinkler

C. Works proposed to apply water to beneficial use.

Estimated Total Cost \$ 26,000.00Attachments: 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 UnionI, ERNEST E. ROZELL, JR. 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

Ernest E. Rozell, Jr.Subscribed and sworn to before me this 22ND day of AUGUST 1973

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 2015-3

ERNEST E. ROZELL, JR.
(Applicant)

ELK POINT
(Post Office Address)

SOUTH DAKOTA
(State) With the following modifications:

The irrigation well approved under this Permit is located near domestic 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.

Date of first receipt of application AUGUST 27 19 73
Date of return to applicant for correction, amendments or changes required AUGUST 31 19 73
Date of receipt of corrected application FEBRUARY 6 19 74
Approved MARCH 20 19 74 Recorded in Book 12 Page 323

WATER RIGHT PERMIT NO. 2015-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 2015-3 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 FEBRUARY 6 19 74
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 20 19 76
3. The whole of said work is to be completed on or before MARCH 20 19 74
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MARCH 20 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 2.28 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 20 19 83 said water to be used during the following described annual period: JUNE THRU AUGUST

Witness my hand this 22ND day of MARCH 19 74

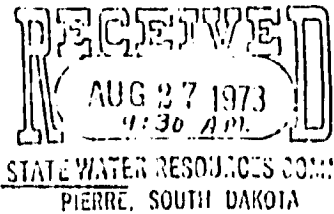
WATER RESOURCES COMMISSION

By: Ronald D. Durrell
Chief Engineer, Executive Officer

Certificate of Construction Issued JANUARY 29 19 80

Water License Issued JANUARY 29 19 80

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



D. Well Information or Estimates

- (1) Drill Hole, Diameter 36", Depth 105'
- (2) Casing, Type Concrete (wood, concrete, steel, etc), Diameter 18', Thickness 2.5"
- (3) Perforated Screen.
Type Slotted, Diameter 18', Length 40'
- (4) Gravel Pack, Thickness 6' to 9', Length of gravel pack 20'

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 _____

Depth to top of water bearing material 40'

Depth to bottom of water bearing material 105'

Thickness of water bearing material 45'

Depth to water (ground surface to water level) 9'

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

On same owner's property 80 rds. On property owned by others 160 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.

Emmett E. Riddle
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 Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: KEH 2/4/24

Disapproved: _____

NAME: Ernest E. Rozell, Jr.

ADDRESS: Elk Point, South Dakota 57025

COUNTY: Union

LEGAL DESCRIPTION

1. WELL LOCATION: 1326' West and 1320' South of the NE corner NE 1/4 6-9-49
2. AREA TO BE IRRIGATED: 160 acres

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate type): ~~Center Pivot~~ Self
4. CROPS TO BE IRRIGATED: Corn Propelled

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0 To 1% slope
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: 2M45X f2W2 Haynie
Bottom land Soil

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 73-617
8. SALINITY: EC = 2287 micromhos/cm (Very high)
9. SODIUM: SAR = 1.47 (Low)

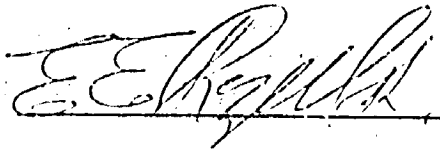
: I do hereby certify that a chemical analysis of the ground water to be
acquired for irrigation from South Dakota State University and:

the land capability for irrigation information has been acquired from

C. K. Dahlgren D.C., Soil Conservation Service

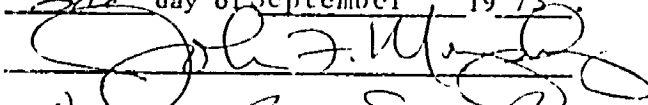
and:

that the legal description for the location of the well and land to be
irrigated is true and correct.



Subscribed and sworn before me this

3rd day of September 19 73


NOTARY PUBLIC, SOUTH DAKOTA

(Title)

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

Submitted by: **E. E. Bozell**

Date Rec'd **October 3, 1973**

Address **Sik Point, South Dakota
57025**

Sample No **73-617**

Identification

Wd, Sec. 6, T 90N, R 49W

WATER ANALYSIS

Calcium (Ca)	316	ppm*	15.80	me/l**
Magnesium (Mg)	101	ppm	8.27	me/l
Sodium (Na)	117	ppm	5.09	me/l
Potassium (K)	10	ppm	0.78	me/l
Sulfate (SO ₄)	1112	ppm	23.14	me/l
Nitrate (as N)	22.50	ppm	1.61	me/l
Chloride (Cl)	64	ppm	1.78	me/l
Bicarbonate (HCO ₃)	410	ppm	6.72	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)	0.91	ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)	1210	ppm	71	s.p.g.***
Alkalinity (Methyl Orange)	335	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	2287	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.47			
Sodium	17.00	% of cations		
Residual sodium carbonate	6.00	me/l		
pH	7.55			
Others:			Total cations	29.94 me
			Total anions	33.25 me

*ppm=parts per million

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

**me/l=milliequivalents per liter

COMMENTS: See attached sheet.

The nitrate nitrogen content of this water exceeds the recommended limit of 10 ppm for human consumption.

By: **Shirley Kitten**

Service Performed

Amount Due

Determinations shown above.

\$9.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No.

Amount Enclosed \$

Signed



January 30, 1974

Mr. E. E. Rozell
Elk Point, SD 57025

Dear Mr. Rozell:

Your WI-1 forms have been received and the water analyses have been completed for some time.

Considering first the SW of Sec. 13 and the NE of Sec. 24, the water is close to the maximum salinity acceptable for soils such as the Haynie, but performance should be satisfactory as long as the water table does not rise to within six feet of the surface. Salinity may develop, or water-logging of the soil with salt salinity from the irrigation water may hinder crop performance.

The second well, for Section 6, is at the very upper limit of salinity which is acceptable for any but quite gravelly and coarse soils. It will be necessary for you to irrigate carefully and conservatively with this water in order to minimize salt build-up in the soil. Occasionally it will be desirable to irrigate in the late fall and count on winter and early spring precipitation to leach salts down in the soil. A periodic (once every 4-5 years) soil sampling and testing for salt accumulation is necessary to stay on top of this situation.

Extension Circular 654 is enclosed for your use. Please read it carefully, and keep in touch with me, through your County Agent or one of the Extension Staff Specialists, if you suspect troubles. I would be careful with both these wells not to irrigate more than necessary, yet, of course, you must put on enough at a time to replenish the root zone.

The two samples are indicated on the back cover of Extension Circular 654 by red crosses.

Sincerely yours,

Lawrence O. Pine
Lawrence O. Pine
Water Quality Lab

LOP:111

enc

CC: State Conservation Commission
Darrel Pahl
Louie DeBret, Union County Agent



January 23, 1974

2016-3
2017-3
2018-3

Department of
Natural Resource
Development

**WATER RIGHTS
COMMISSION**

Office Building 2
Pierre, SD, 57501
Ph. 224-3151

Dr. Lawrence Fine
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57006

Dear Dr. Fine:

As per our telephone conversation of January 23, 1974 enclosed are the three WI-1 forms of Ernest E. Rozell, Jr. of Elk Point.

When you check you will find that only two water samples were submitted and analyzed. The water sample submitted for the SE $\frac{1}{4}$ Section 13, T90N, R50W should also be used for the NE $\frac{1}{4}$ of Section 24, T90N, R50W and only one well is planned for these two quarters.

Sincerely,

DONALD DRISCOLL
Chief Engineer

DD/bw

cc: Mr. Dennis Hood, Conservation Commission, Department of
Environmental Protection, Pierre, South Dakota 57501

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

Submitted by: B. A. Rozelle
 Address: Brookings, South Dakota
57006

Date Rec'd: October 3, 1973
 Sample No. 12-617
 Identification: Box, Sec. 6, T 90N, R 49E

WATER ANALYSIS

Calcium (Ca)	316	ppm*	15.30	mc/l**
Magnesium (Mg)	101	ppm	3.27	mc/l
Sodium (Na)	117	ppm	5.09	mc/l
Potassium (K)	10	ppm	0.78	mc/l
Sulfate (SO ₄)	1112	ppm	23.14	mc/l
Nitrate (as N)	2.50	ppm	1.61	mc/l
Chloride (Cl)	64	ppm	1.73	mc/l
Bicarbonate (HCO ₃)	10	ppm	6.72	mc/l
Carbonate (CO ₃)		ppm		mc/l
Iron (Fe)	0.91	ppm		mc/l
Fluoride (F)		ppm		mc/l
Hardness (EDTA as CaCO ₃)	1410	ppm	71	g.p.g.***
Alkalinity (Methyl Orange)	236	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	2207	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.47			
Sodium	17.00	% of cations		
Residual sodium carbonate	0.00	mc/l		
pH	7.55			
Others:				

*ppm=parts per million

**mc/l=milliequivalents per liter

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

COMMENTS: See attached sheet.

The nitrate-nitrogen content of this water exceeds the recommended limit of 10 ppm for agricultural use.

By: Shirley Kitten

Service Performed	Amount Due
Determinations shown above	\$9.00 RATE

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. _____

Amount Enclosed \$ _____

Signed _____

INTERPRETATION OF WATER ANALYSIS

Station Biochemistry

South Dakota State University, Brookings, South Dakota

Sample No. 72-617

The strict interpretation of a water analysis is difficult because there are so many factors to be considered, some of which are unknown to the chemist making the interpretation. However, to assist in determining what the attached analysis means

in terms of farm or household operations, the following guide has been prepared. Please read the information on both sides of this form carefully. The checked items refer to this sample.

HARDNESS:

- ☐ 0-3 grains per gallon.
☐ 3-25 grains per gallon.
☐ 25-50 grains per gallon.
☒ 50-75 grains per gallon.
☐ Over 75 grains per gallon.

This is considered a soft water.

This water is hard, but less so than the average for this state. Softening would improve it for laundering, dishwashing, bathing and other similar uses, especially where hardness is over 10 grains per gallon.

This water is of about average hardness for this state. It would be greatly improved for laundering, dishwashing, bathing and other similar uses by softening. The cost of softening would be reasonable.

This water is very hard, being above average in this respect for this state. It would be greatly improved for laundering, dishwashing, bathing and other similar uses. The cost of softening should not be excessive, even with so hard a water as this.

This water is extremely hard. Softening is certainly not impossible, but it becomes quite costly in this range, especially for waters of over 100 grains per gallon of hardness.

IRON:

- ☐ 0.0-0.3 p. p. m.
☒ 0.3-1.0 p. p. m.
☐ Over 1.0 p. p. m.

This water is low in iron and should cause no particular iron problems.

This water contains enough iron so that it may cause some rust staining on plumbing fixtures and yellowing of clothes.

High in iron. This water will cause stains on plumbing fixtures and yellowing of clothes. Coffee made with it may have a very black color and tea may have a dark film form on it. On standing, the water may become cloudy due to the formation of a red-orange precipitate (iron oxide or rust). It may also have an objectionable taste. The seriousness of these problems increases as iron content increases.

USE ON GARDENS, HOUSEHOLD PLANTS, OR LAWNS:

Conductivity (micromhos/cm)	Sodium (% of cations)
☐ 0-200	—
☐ 200-750	0-75
☐ 750-2000	Over 75
☐ 2000-3000	0-50
☐ 3000-7000	50-90
☐ 7000-20000	Over 90
☒ 20000-30000	0-75
☐ 30000-70000	Over 75
☐ Over 70000	—

Satisfactory.

Satisfactory.

Satisfactory for limited use.

Satisfactory.

Satisfactory for limited use.

Use not recommended.

Satisfactory for limited use.

Use not recommended.

Use not recommended.

- ☐ Note: Whenever the value for residual sodium carbonate exceeds 2.5 meq/l, use of the water on lawns, gardens and household plants is not recommended.

LIVESTOCK WATERS:

Conductivity (micromhos/cm.)
☐ 0-1000
☒ 1000-4000
☐ 4000-7000
☐ Over 7000

Note:

Excellent for all classes of livestock.

Satisfactory for all classes of livestock.

Satisfactory for cattle, sheep, swine and horses. A poor water for chickens and unsatisfactory for turkeys.

Unsatisfactory for all classes of livestock.

- ☐ Water with over 300 p. p. m. of nitrate nitrogen is considered unsatisfactory for livestock.
☐ Water with an alkalinity over 1000 p. p. m. is considered unsatisfactory for livestock.

GENERAL COMMENTS

HARDNESS: Water is classed as "hard" or "soft" according to its action on soap. The more soap required to produce a lather, the harder the water. Hardness is caused principally by the elements calcium and magnesium which will combine with soap to form an insoluble scum or curd. The more of these elements a water contains the more soap they will combine with, preventing it from forming suds. Thus the amount of hardness a water contains is a measure of its soap destroying power.

Hardness in water not only causes increased soap and detergent usage, but also results in greasy rings on bathtubs and sinks, lime deposits in toilets and on faucet openings, greasy films on dishes or on hair after washing, and poor laundry results. In most waters, some of the hardness is in what is called a "temporary" form, and on heating the water this settles out to form a scale. Finally, water that is high in calcium or magnesium is unsuitable for use with many spray materials. The seriousness of these problems depends on how hard the water is.

The most suitable remedy for the hard water problem is the installation of a softener in the water system. Either the self-service, home owned type or the rental, serviced type is satisfactory, and the choice between the two must be made by the individual after consultation with his local dealers. The attached water analysis will be helpful to the dealer, so it should be taken along for his use.

Softeners installed in the water system work by removing calcium and magnesium and replacing it with sodium. In view of this, softened water should not be used for lawns and gardens or for household plants. From the standpoint of economy, water should not be softened for use in toilets, for livestock or for drinking purposes.

IRON: Iron in water does not come from the pipes, but is often a normal constituent which occurs in what is called a reduced form, soluble and colorless. As water contacts the air the iron is oxidized to form a red-orange material, iron oxide or rust. Freshly drawn water is often clear and colorless but on standing becomes cloudy and colored. The amount of cloud or color will depend upon how much iron is present. Iron in water will result in rust stains on fixtures. It also causes the yellowing of white clothes, especially when bleaches are used. The installation of a softener in a system will greatly reduce the iron problem.

WATER FOR LAWNS, GARDENS AND HOUSEHOLD PLANTS: Water for use on lawns, gardens, or household plants should be of fairly low salt content (conductivity) and should not have an excessively high ratio of

sodium to other cations or amount of residual sodium carbonate. Factors other than these just mentioned are also important in making an interpretation of the suitability of water for such uses, including the amount of normal rainfall, the type of plant, the type of soil, and the amount of water to be applied. The interpretation on this form is aimed at normal or average conditions for this state, and in spite of having it the user must exercise some judgment himself.

A water classed as satisfactory is one considered to be suitable for over extended periods of time without seriously damaging the soil. With very poorly drained, heavy soils in areas of low rainfall this classification may not be correct, and the water should probably be limited in its use.

A water classed as satisfactory for limited use is one which should cause no trouble if applied two or three times a year to a lawn or garden. Again, with poorly drained or heavy soils in areas of low rainfall some further limitation on usage should be considered.

Rainwater, water from dehumidifiers or water from defrosting the refrigerator are recommended as best for household plants.

Statements made relative to the use of this water for lawns or gardens do not necessarily apply in the case of field crops. For information concerning the irrigation of field crops write the Agronomy Department, South Dakota State College. Water analysis for this purpose is done by that department.

LIVESTOCK WATERS: The tolerance of live stock and poultry toward minerals in water will depend on many things, including: kind of animal, diet, age, season of the year, climate, kind of salts in the water, physiological condition of the animal, etc. The recommendations given here are considered conservative in that they are based on conditions under which it is felt that the water may exert its most undesirable effects. Conductivity is a measure of the mineral content and it is used as the most important measure of suitability of the water. Nitrates and alkalinity in some cases are also important. It is assumed in making the interpretation on this form that the sanitary conditions are what is accepted as reasonable for livestock.

This analysis will not tell whether a water is safe for human consumption. A bacteriological examination and an interpretation by the State Department of Health at Pierre is required for this (write them for instructions for sending samples). Additional information concerning water or this analysis can be obtained by directing an inquiry to Station Biochemistry.

Form WI #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 Well Irrigation Only)

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: _____

Disapproved: _____

NAME: Ernest E. Rozell, Jr.

ADDRESS: Elk Point, South Dakota 57025

COUNTY: Union

LEGAL DESCRIPTION

1. WELL LOCATION: 1320' West and 1320' South of the NE corner NE 1/4 6-9-49

2. AREA TO BE IRRIGATED: 160 acres

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): Center Pivot Self

Propelled

4. CROPS TO BE IRRIGATED: Corn

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0 To 1% slope

6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: 21145X fawn. Haynie

Bottomland Soil

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: _____

8. SALINITY: _____

9. SODIUM: _____

I do hereby certify that a chemical analysis of the ground water to be
acquired for irrigation from South Dakota State University and;

the land capability for irrigation information has been acquired from

C. K. Dahlgren D.C. Soil Conservation Service

and;

that the legal description for the location of the well and land to be
irrigated is true and correct.

E. E. Replogle

Subscribed and sworn before me this

3rd day of September 19 73

John F. Winters
Notary Public, South Dakota

(Title)

Permit No. 2015-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

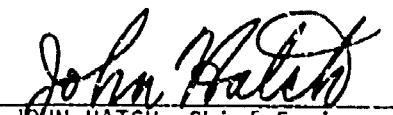
This is to Certify, That Ernest E. Rozell, Jr.

_____ the holder _____ of
Permit No. 2015-3, issued upon Application No 2015-3, bearing date of priority of February 6, 1974
_____ authorizing the diversion of 2.28 cu. ft. per second of the waters of _____
groundwater (one well) County of Union, State of South Dakota at a
point in the center of the NE 1/4, Section 6 - T90N - R49W

_____ 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 2.0 cu. ft. per second of water.

Date January 29, 1980


JOHN HATCH, Chief Engineer
Water Rights, WMD

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2015-3

(1) WHEREAS, On the 27th day of August A.D. 1973
Ernest L. Rosell, Jr.

made Water Right Application No. 2015-3 for a permit to use 2.00 cubic feet per second of the waters
 of groundwater (one well)

County of Union State of South Dakota, for irrigation

purposes; and

(2) WHEREAS, On the 20th day of March A.D. 1974

Permit No. 2015-3 with a date of priority of February 6, 1971

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 20th day of March A.D. 1979 and for the
 application to beneficial use of said water on or before the 20th day of March A.D. 1983

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 2.0 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 the following land all in Section 6 - T20N - R49W~~

ACRES

NW $\frac{1}{4}$ NE $\frac{1}{4}$ 36

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 36

SW $\frac{1}{4}$ NE $\frac{1}{4}$ 36

SE $\frac{1}{4}$ NE $\frac{1}{4}$ 36

TOTAL 144 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 Ernest W. Rozell, Jr.

of Elk Point, SD

the holder and owner of said permit No 2015-3 a water right, dating from February 6, 1974

to use of 2.0 cubic feet per second of the water

of groundwater (one well)

in the County of Union and State of South Dakota, or so much thereof as may be necessary for the

purpose is hereinbelow mentioned, to be diverted at in the center of the NE1/4, Section 6 - T90N -

R45W

and conducted ^{ed} to and upon portions of NE1/4 all in Section 6 - T90N - R45W more fully
described on the face of this License.

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2015-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota

this 29th day of January A. D.

Nineteen Hundred and Eighty

Board of Water Management

By:


Chief Engineer

JOHN HATCH

2015-3

Publish first publication, on or before March 7, 19 74

**NOTICE
INTENT TO APPROPRIATE WATER**

Pierre, South Dakota 57501

February 7, 19 74

Notice is hereby given that Ernest E. Rozell, Jr.

whose post office address is Ell Point, 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

2.26 cubic feet of water per second of time from the ground water through the

Rozell Well #1, the point of diversion of which is to be located in the _____

Center of the NE $\frac{1}{4}$

of Section 6, Twp. 90N, Range 49E. Said water to be used for the purpose of providing irrigation on the following described land:

NE $\frac{1}{4}$, Section 6, T90N, R49E

This application No. 2015-3 will be considered by the Water ~~Resources~~ ^{Rights} Commission at their office at

Pierre upon the 20th day of March, 19 74, at 2:30 P. M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION
~~WATER RESOURCES COMMISSION~~

By:

BURTON F. JONES, Water Rights Specialist

BFJ/lw

cc: Ernest E. Rozell, Jr. Ell Point, S.D. 57025

No. 2015-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County Union)

I, Byron Helgerson hereby

Water was taken from the The Leader Courier

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 Elk Point

County of Union _____ and State of South Dakota;
th. the said notice was published in said newspaper on the following
for ~~three~~ two dates.

February 14, 1974

February 21, 1974

Byron Hilgerson
(Signature)

Owner
(Title)

February 21, 1974

(Date Signed)

**NOTICE
INTENT TO APPROPRIATE
WATER**

Pierre, South Dakota 57501

February 7, 1974 ~~CONFIDENTIAL~~

Notice is hereby given that Ernest E. Rozell, Jr. whose post office address is Elk Point, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate water for beneficial use 2.28 cubic feet of water per second of time from ground water through the Rozell Well #1, the point of diversion of which is to be located in the Center of the NE $\frac{1}{4}$ of Section 6, Twp. 90N, Range 49W. Said water to be used for the purpose of providing irrigation on the following land: NE $\frac{1}{4}$, Section 6, T90N, R49W.

This application No. 2015-3 will be considered by the Water Rights Commission at their office at Pierre upon the 20th day of March, 1974, at 2:30 p. m. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By: Burton F. Jones, Water Rights Specialist

(Publish Feb. 14 and 21)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7215

PIERRE, January 16, 1920

RECEIVED OF Ernest E Rozell, Rozell Real Estate Company, Elk Point, SD 57025

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

Fee for Application for Permit to Appropriate Water No. (examination, processing, recording and filing)		
Fee for inspecting Construction, and issuing Cert. of Construction No. 2015-3	50	00
Fee for inspecting Beneficial Use, and issuing Water License No. 2015-3		
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filing		
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	00

WATER RIGHTS COMMISSION

By *John Hatch*
Chief Engineer, Executive Officer
JOHN HATCH (97)

Permit No. 2015-3
 Water Division 3 Big Sioux River Water District

REPORT 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 ERNEST E. ROZELL, JR. of ELK POINT holder of Permit No. 2015-3, bearing date of priority of FEBRUARY 6, 1944 authorizing the diversion of 2.28 cu. ft. per second of the waters of GROUND WATER for IRRIGATION purposes, in UNION 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:

110' DEEP WELL WITH 18" DIA CONCRETE CASING
 WESTERN LAND ROLLER 8" PUMP
 POWERED BY 75HP U.S. ELECTRIC MOTOR

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

WELL AT CENTER OF PLOT SYSTEM

C. Works used to apply water to beneficial use.

VALLEY ELECTRIC DRIVE CORNER SYSTEM

The system is in the following condition: GOOD

The point of diversion is located IN THE CENTER OF THE NE⁴ SECTION 6, T90N, R44W

The works are capable of diverting and conveying to the place of use 2.0 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 THE NE⁴ SECTION 6, T90N, R44W

NW ⁴ NE ⁴	36 ACRES
NE ⁴ NE ⁴	36 "
SE ⁴ NE ⁴	36 "
SW ⁴ NE ⁴	36 "

comprising a total of 144 acres of land.

Date JULY 25, 1949
Dustin L. Jones
 (Signature)



Department of Water & Natural Resources

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

2348-3

2349-3

2015-3

2016-3

2017-3

2526-3

February 17, 1989

Ernest Rozell, Jr.
RR 1, Box 28A
ElkPoint, SD 57025

Dear Mr. Rozell:

On October 6, 1988, the Water Management Board adopted rules to implement a 1988 law for application of chemicals through irrigation systems. The rules establish equipment standards, performance standards and installation requirements for irrigation systems that apply chemicals (fertilizers, insecticides, or herbicides) with irrigation water.

You have indicated on your 1988 Water Management Board Irrigation Questionnaire that you do apply chemicals with irrigation water. A copy of the new rules for chemigation are enclosed for your information.

The new standards include:

- * a check valve between the irrigation pump and the point of chemical injection;
- * a vacuum relief valve on top of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a low-pressure drain on the bottom of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a chemical injection line check valve between the chemical injection pump and the point at which the chemical is injected into the irrigation line; a second check valve is required if the chemical injection pump is not a positive displacement pump;
- * an interlock system which ensures that the chemical injection pump will stop whenever the irrigation pump stops;
- * an inspection port between the irrigation pump and the check valve on the irrigation line;

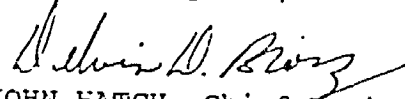


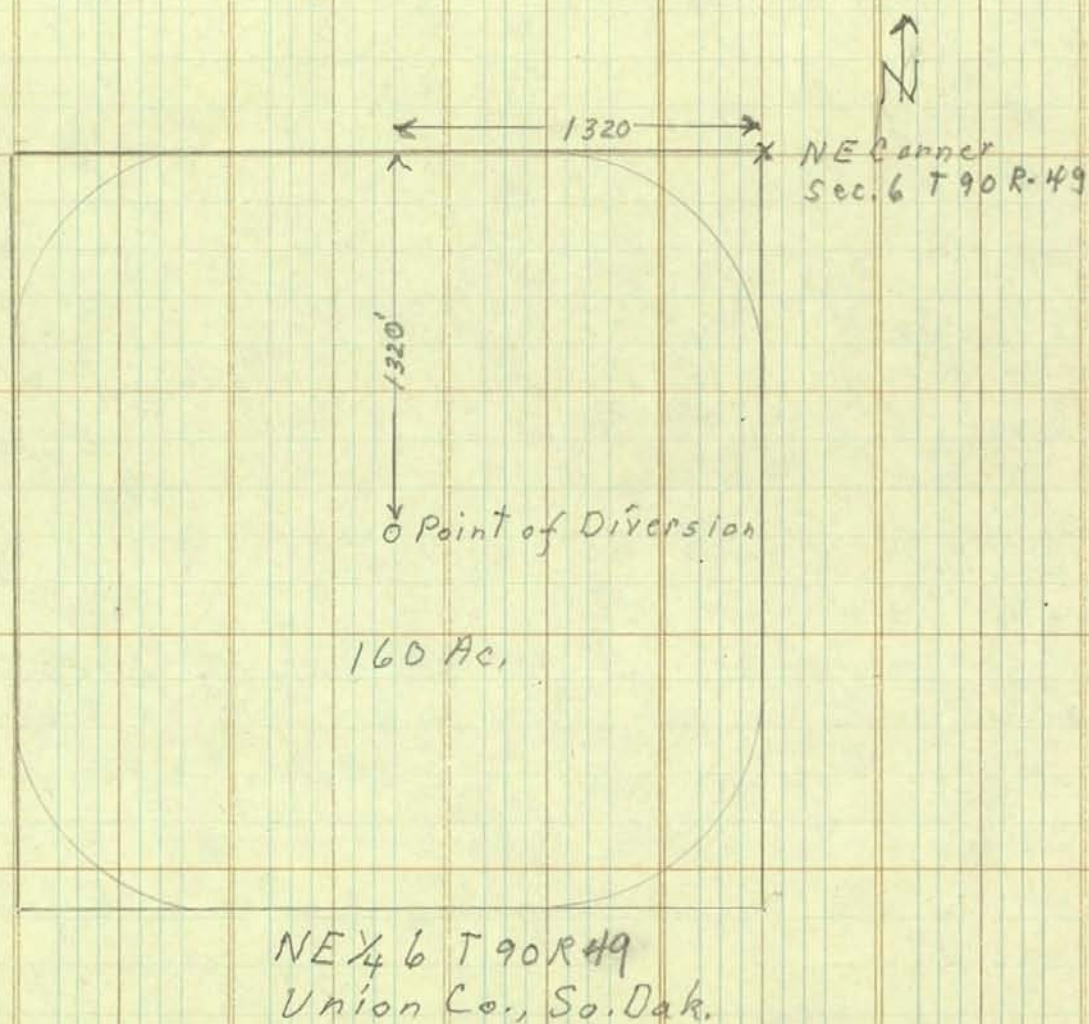
Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A 24-hour telephone number is provided.

The chemigation rules contain notification and record keeping requirements. Prior to using chemigation, notification must be given to the Chief Engineer on the enclosed Form 1C. Information that must be provided in this notification includes the water permit or right number, the name, address, and telephone number of the water permit or right holder and of the system operator, and the legal description of the lands on which the system is located. A record of the name, quantity, dates and hours of each chemical applied must be provided to the Chief Engineer on Form 2C. A copy of this form is also enclosed for your information. It will be mailed with the annual irrigation questionnaire and must be returned with the questionnaire by the date specified. If you have any questions regarding these rules or need additional copies of the forms, please contact Susan Bowar, Water Rights Engineer (605-773-3352).

Very truly yours,

for 
JOHN HATCH, Chief Engineer
Water Rights Division



Scale - 1" = 1 mi.
160 Acres - Irrigated
Owner: E.E. Roze
8/17/73

Prepared by
C.K. Dahlgren D.C.
Soil Conservation Service

2015-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

November 1, 2011

Michael Rozell
32955 476th Ave
Elk Point SD 57025

RE: Ownership changes for Water Right Nos. 2015-3, 2016-3, 2017-3, 2348-3, 2349-3, 2526-3,
3644-3 and 3674-3

Dear Mr. Rozell:

Thank you for the prompt return of the 2011 irrigation questionnaires. I note from the forms that ownership changes are needed for the above listed water rights.

Enclosed are partially completed Notice of Transfer of Ownership forms for filing the ownership changes. Please review and complete as needed. Upon completion, please sign the forms and return them to our office with a required filing fee of \$50.00 each (total of \$400). The check or money order for the fee can be made payable to the Water Rights Program.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads 'Genny McMath'.

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosures

RECEIVED

NOV 28 2011

WATER RIGHTS
PROGRAM

NOTICE OF TRANSFER OF OWNERSHIP

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

No. 2015-3

Date: _____

I/We request that Water Right No. 2015-3formerly owned by: Ernest E Rozell, Jr

be transferred to: (name & address)

Michael & Joanne Rozell
32955 476th Avenue
Elk Point, SD 57025

-6808Telephone No. 356-2961

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

144 acres - NE ¼ Section 6, T90N, R49W

I/We understand that the validity of Water Right No. 2015-3 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 with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

Michael & Joanne Rozell

I/We _____, the new owner, certify that the above information is true and correct.

Michael Rozell
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. 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.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 11/28, 2011

RECEIVED OF Michael Rozell 32955 476th Ave Elk Point SD 57025

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	50	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form <u>2015-3</u>		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No. **05078**

By

Michael Erbe

Chief Engineer



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

November 30, 2011

Michael & Joanne Rozell
32955 476th Ave
Elk Point SD 57025

RE: Ownership changes for Water Right Nos. 2015-3, 2016-3, 2017-3, 2348-3, 2349-3, 2526-3
and 3644-3

Dear Mr. Rozell:

I am writing to acknowledge receipt of the transfer forms and filing fees you submitted for the above listed water rights.

The ownership changes have been completed. The water rights formerly held by Ernest E Rozell are now listed in your names. Enclosed for your records are the receipts for the filing fees you paid.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosures