

No. 5211-3 Hydrologic Unit 10160004
Map No. 5211-3 Basin JR
Newspaper McPherson Co. Herald Box 170, Leda, SD 57456 *(wired)*

Mail to: Water Rights Div.
DWNr, Foss Bldg.
Pierre, SD 57501
(605) 773-3352

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use of water: Industrial ☐ Commercial ☐ Municipal ☐ Other Common Distribution System ☐
Rural Water System ☐ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☐
Domestic ☒ (above 18gpm) Other ☒ Livestock

Type of Application: Check one or more of the following

New ☒ Vested Right ☐ Future Use ☐ Change Use ☐
☐ Amend Permit No. _____ with old priority date retained
Change diversion point(s) ☐ Add diversion point(s) ☐ Other ☐ _____
☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____
☐ Construction to use water reserved by Future Use Permit No. _____

1. Name of Applicant Ronald J. Gelfre Phone No. 439-3432
Post Office Address HCR #2 Box 64 Leola State S.D. 57456
(Street, RR or Box) (City) Zip Code

2. Amount of water claimed (c.f.s) ~~70 GPM~~ 45 gpm (0.10 cfs)

3. Source of water supply well

4. Location of point of diversion SW 4 NW 4 Section 3-126-66

_____ County McPherson

5. Counties where water will be used McPherson

6. Annual period during which water is to be used year-round January 1 - December 31

7. Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

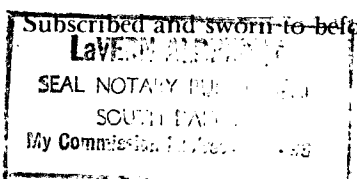
Artesian well

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA)
County of McPherson) ss

I, Ronald J. Gelfre the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Signed Ronald J. Gelfre
8 day of July 1988



Laveon Albert
Notary Public

**SOUTH DAKOTA
WATER PERMIT**

Date of first receipt of application July 11, 1988

Date of return to applicant for correction, amendments or changes required August 1, 1988

Date of receipt of corrected application August 17, 1988

The Water Management Board approved Water Permit Application No. 5211-3

on October 6, 1988 for Ronald J. Geffre
(Applicant)

HCR 2, Box 64 Leola South Dakota 57456
(Street, RR or Box) (City) (State) (Zip Code)

authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 5211-3 appropriates 0.10 cubic feet of water per second from one well (Inyan Kara Formation) 1540 feet deep. The well is located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 3-T126N - R66W.
2. The water appropriated shall be used for the purpose of supplying livestock tanks and dugouts and as a backup household supply
and may not exceed the amount of water needed for beneficial use for domestic purposes
3. The water is to be used during the following described annual period: January 1 - December 31
4. The date from which applicant may claim the right is July 11, 1988
5. One-fifth of the construction is to be completed on or before April 6, 1991
6. All construction is to be completed on or before October 6, 1993
7. Water is to be put to beneficial use on or before October 6, 1997
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit shall be valved and the flow reduced to the amount needed or to a minimum or shutoff when the well is not being used. The well shall also be equipped with a pressure gauge and a record kept of any pressure fluctuations. Such records shall be available to the Chief Engineer upon request. If this well is abandoned or the permit cancelled, the well must be plugged in accordance with Water Management Board Rules.
2. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same formation. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells.

WATER MANAGEMENT BOARD

By: *John H. Hest*
Chief Engineer

Division of Water Rights
Dept. of Water and Natural Resources

FEB 14 1989

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter 4 1/4 Depth 1540'
- b) Casing Type Plastic Diameter 2" Thickness _____
- c) Screen Type perforation Diameter 2" Thickness Steel
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 1470'
- f) Depth to Water (ground surface to water level) Flows
- g) Distance to nearest existing domestic well:
- On applicants property yes On property owned by others No

2. Dugout Information Estimates

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity _____
Spillway width _____

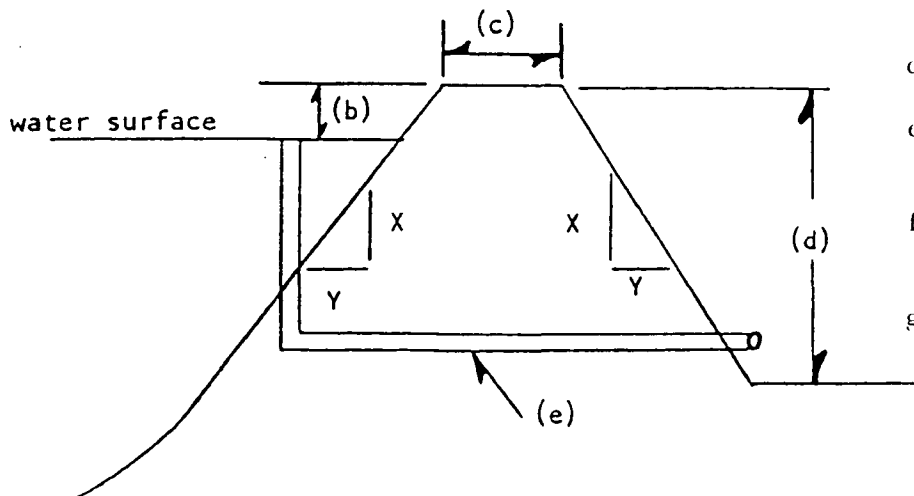
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Ronald J. Lefter
Signature of Applicant

Yvonne Haefer
District Conservator, Soil Conservation Service
Lewiston, SD

174B

73.0

34.8

well
⊙

59.7

32.4

176-66

19.5

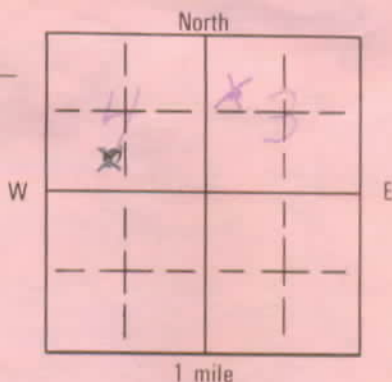
APPL. NO. 5211-3

174B

18.2

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location SW 1/4 NW 1/4 Sec 3 Twp 126N Rg 66WCounty
McPhersonPlease mark well
location with
an "X"Well Completion Date 6-30-88

PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☒ Stock

Method of Drilling:

CASING DATA:

☒ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>301</u> LB/FT	<u>5</u> IN	<u>0</u> FT	<u>301</u> FT	<u>7 7/8</u> IN
<u>80</u> LB/FT	<u>2</u> IN	<u>0</u> FT	<u>1540</u> FT	<u>4 1/4</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 301 FEETWhat is grouting material? CementIf cement, number of sacks? 50Describe grouting procedure Pressure & groutWhat was grout weight? 15 LB/GALSCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 2 IN Length 70 FEETMaterial Steel

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☒ YES ☐ NOIf so, what material? LeadDescribe packer(s) and location? TopWas well disinfected upon completion? ☐ YES ☒ NO

Explain _____

Bacteriological analysis ☐ YES ☐ NO

Laboratory sent to _____

Well Owner:

Name RONALD GELFREAddress HCR 2 Box 64 LeolaWell Log: _____ Depth 57456

Formation

From

To

<u>TIL</u>	<u>0</u>	<u>30</u>
<u>Shale</u>	<u>30</u>	<u>650</u>
<u>CAP ROCK</u>	<u>650</u>	
<u>New Castle</u>	<u>960</u>	<u>985</u>
<u>1ST DAKOTA</u>	<u>1090</u>	<u>1140</u>
<u>2ND DAKOTA</u>	<u>1260</u>	<u>1300</u>
<u>LAKOTA</u>	<u>1470</u>	<u>1540</u>

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure 180 EST PSIGPM flow 70 through _____ inch pipeControlled by ☒ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? No

WELL TEST DATA:

☐ Pumped☐ Bailed

Describe: _____

☐ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 543

And this report is true and accurate.

Drilling firm CORPORATE Drilling

Signature of License Representative:

Edgar Hansen

Signature of Well Owner:

Ronald L. LiffieDate 6/30/89



Department of Water & Natural Resources

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

August 1, 1988

Mr. Ronald J. Geffre
HCR 2, Box 64
Leola, South Dakota 57456

Dear Mr. Geffre:

This letter is in response to the water permit application received from you on July 11, 1988.

The permit application is incomplete for the following reason(s):

- (1) The map submitted is not signed by one of the following: a South Dakota Registered Land Surveyor, a South Dakota Registered Engineer, or by any other government employee who normally prepares maps as part of his assigned duties (ASCS, SCS, etc.).

The Water Management Board cannot consider a water permit application until it is complete. Please return the enclosed map with the required signature to begin processing of your water permit application.

Should you have any questions, please feel free to call me.

Sincerely,

Susan A. Bowar
Natural Resources Engineer
(605) 773-3352

enclosure



RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

411306

Pierre, July 11, 1988

RECEIVED OF Ronald J. Geffre, HCR 2, Box 64, Lenla, SD 57456

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

Fee for Application for Permit No. <u>5211-3</u> to Appropriate Water, to construct works and to put water to beneficial use	150	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 _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for <u>NOTE: 100 refunded 8-17-88 by District Engineer</u>		
(Any Other Work Provided by Law)	Total	150 00

By

Chief Engineer

John Hatch
JOHN HATCH

MS

August 12, 1988

Department of Water & Natural Resources

Dear Sirs:

I have enclosed a signed map this ~~time~~ time.

In regard to my water permit application, I would like to apply for 40 gpm instead of the 70 gpm originally applied for. I don't have a need for that much water, and I would like a partial refund.

Sincerely,

Ronald Liffre
439-3432



Conversation or File Documentation

NAME OF PERSON OR FILE: Ron GeffreADDRESS: HCR 2, Box 64, Leola SD 57456 COUNTY McPhersonDATE: August 17, 1988 TELEPHONE _____

RE: _____

COMMENTS:

I contacted Ron Geffre to determine if the water permit application was necessary for Mr. Geffre's proposed use. I informed Mr. Geffre that a water permit is not needed to water livestock if the average daily use does not exceed 18 gpm. Mr. Geffre stated he would like to have the permit for 45 gpm for those times when greater flow is needed.

Mr. Geffre stated he did not want to shut the well down too far because the well has not healed yet. Mr. Geffre stated the well casing was 2½ in plastic class 80 and water from the well would be used to supply 6 stock tanks and some dugouts as needed. The well will also be used as a back-up system to WEB water used in the farmhouse.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

Geffre file

**SOUTH Dakota Department of
Water & Natural Resources**

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

WATER RIGHTS DIVISION
(605) 773-3352

August 18, 1988

Ronald J. Geffre
HCR 2, Box 64
Leola, South Dakota 57456

Dear Mr. Geffre:

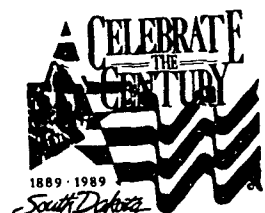
We are refunding \$100.00 of the \$150.00 Water Permit Application fee submitted to this office July 11, 1988. This refund is being made due to a decrease in the amount of water to be used.

You should receive this refund in about two weeks after processing of a voucher by our Fiscal Office.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Division

JH:ms
Enc.



REPORT ON APPLICATION NO. 5211-3
RONALD J GEFFRE
August 24, 1988

This application proposes to appropriate 0.10 cfs from a 1540 feet deep well located in the SW 1/4 NW 1/4 of Section 3, T126N, R66W in McPherson County. The water will be used for domestic purposes.

Aquifer - Inyan Kara

The Inyan Kara (Fall River) consists of sandstone and shale and can vary from 40 to 360 feet in thickness (Hamilton, 1982). The aquifer underlies 1070 square miles of Edmunds County and contains 4.1 million acre-feet of recoverable water in storage (Hedges, 1982). The aquifer is under artesian conditions and large flows and high pressures can be obtained from properly constructed wells. The driller's log accompanying this application indicates the well can flow 70 gpm and that, the shut in pressure was estimated at 180 psi.

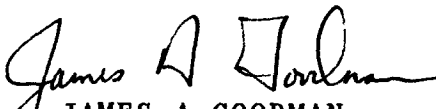
The Division of Water Rights monitors an Inyan Kara well, ED-85B, (Water Rights, 1988), which is located about 23 miles southeast of this application. The records for this well indicate the shut in pressure has not changed since the well was completed.

Review of Existing Permits

There are no existing water permits from the Inyan Kara Formation in this area.

Conclusions

1. There is water available from the Inyan Kara Aquifer. The well is constructed and those records demonstrate that fact.
2. The aquifer is under artesian conditions.
3. The well is constructed in accordance with South Dakota Well Construction Standards.
4. This is a domestic well and even though flow up to 45 gpm can be allowed by this permit, the well must be shut in when not in use to prevent waste. There is no indication in the permit application that this amount of water is needed for domestic use. The well must be controlled and limited to the amount of water actually used. Allowing the water to flow to waste would be a violation of this permit.


JAMES A GOODMAN
Hydrologist

Bibliography

Hamilton, L.J., 1982, Geology and Water Resources of McPherson, Edmunds and Faulk Counties, South Dakota, Part II Water Resources, Bulletin 26, USGS, Huron SD.

Hedges, L.S., 1982, Evaluation of Ground Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, for US Army Corps of Engineers, DWNR, SDGS, Vermillion SD 57069.

Water Rights Division, 1988, Observation Well Records for ED-85B, DWNR, Division of Water Rights, Joe Foss Building, Pierre SD 57501.

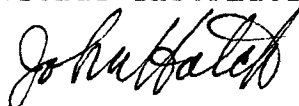
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5211-3, Ronald J Geffre

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 5211-3, Ronald J. Geffre, HCR 2, Box 64, Leola SD.

The Chief Engineer is recommending APPROVAL of Application No. 5211-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

1. The well approved under this Permit shall be valved and the flow reduced to the amount needed or to a minimum or shutoff when the well is not being used. The well shall also be equipped with a pressure gauge and a record kept of any pressure fluctuations. Such records shall be available to the Chief Engineer upon request. If this well is abandoned or the permit cancelled, the well must be plugged in accordance with Water Management Board Rules.
2. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same formation. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
August 25, 1988



Department of Water & Natural Resources

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

Water Rights Division
(605) 773-3352

August 30, 1988

NOTE:

TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT THE
NEWSPAPER RIGHT AWAY.

Ronald J. Geffre
HCR 2, Box 64
Leola, South Dakota 57456

Dear Mr. Geffre:

Your Application No. 5211-3 for a permit to appropriate water for

livestock watering use, has been examined and found to
comply with the South Dakota Water Laws and applicable rules. A notice of
your intent to appropriate water has been sent to the Publisher of the

McPherson County Herald printed at Leola

South Dakota. For your information, a copy of this notice, the recommendation
of the Chief Engineer and a report on the application are enclosed. Please
review this notice prior to publication and notify this office, if you have
any corrections or questions.

BE SURE TO CONTACT THE ABOVE NEWSPAPER IMMEDIATELY TO AUTHORIZE PUBLICATION
OF YOUR NOTICE OF INTENT TO APPROPRIATE WATER AND TO ARRANGE FOR PAYMENT.
Early contact with the paper can eliminate delays. The publisher has been
instructed to publish your notice once each week for two consecutive weeks
with the last publication to occur at least twenty days before the board
meeting. We must receive Proof of Publication before the application can be
considered by the Water Management Board.

Sincerely,

RON DUVALL
Natural Resources Engineer

enclosures



Department of Water & Natural Resources

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

August 30, 1988

McPherson County Herald
Box 170
Leola, South Dakota 57456

Dear Sir:

Enclosed is a Notice of Hearing on Application No. 5211-3 to be published twice. Please publish the first notice on or before September 7, 1988 with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is Ronald J. Geffre, HCR 2, Box 64, Leola, SD 57456.

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures

CUT HERE

FIRST TRANSMITTAL NOTICE

No. _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name _____

Newspaper _____

Instruction to Newspaper - Publish first Notice on or before September 7, 1988 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5211-3 to Appropriate Water
~~and/or to Amend Water Permit or Water Right No. _____~~

Notice is given that Ronald J. Geffre, HCR 2, Box 64, Leola, South Dakota 57456
_____ has filed an application for a water permit

to appropriate 0.10 cubic feet of water per second from a well, 1540' deep in the Inyan Kara formation located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 3, T126N, R66W. The water obtained from this well will be used for livestock watering.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5211-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board in room 216, Joe Foss Building, 523 E. Capitol, Pierre, SD on October 5, 1988 at 10:00 am. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer or 4) deny this application based on the facts presented at the public hearing.

Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by September 23, 1988. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD (605 773-3352)". The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application and the signature and mailing address of the petitioner or legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by September 23, 1988.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; ~~(ground)~~ 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; ~~(future use)~~ 46-5-38 thru 46-5-40; ~~(transfer lands)~~ 46-5-33 thru 46-5-35; ~~(10,000 AF)~~ 46-5-20.1, 46-5-8.1; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; ~~(future use)~~ 74:02:01:24 thru 74:02:01:25; ~~(10,000 AF)~~ 74:02:01:15:02 thru 74:02:01:15:05.

Notice

NOTICE OF HEARING
on Application No. 5211-3
to Appropriate Water

I, May Hoffman hereby
certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the McPherson County Herald

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

County Herald of McPherson

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

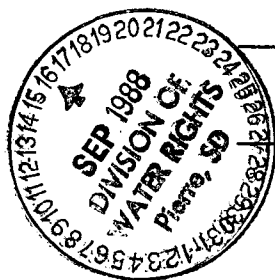
September 7, 1988

September 14, 1988

(Signature) _____

edition : one
(Title)

September 15, 1988
(Date Signed)



Cost of Printing: \$34

from the applicant or a petitioner. The request for a delay must be received by September 23, 1988.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5211-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board in room 216, Joe Foss Building, 523 E. Capitol, Pierre, SD on October 5, 1988 at 10:00 a.m. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer or 4) deny this application based on the facts presented at the public hearing.

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Department of Water & Natural Resources

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

FEB 14 1989

Ronald J. Geffre
HCR 2 Box 64
Leola, South Dakota 57456

Dear Mr. Geffre:

Enclosed is Water Permit No. 5211-3 as approved by the Water Management Board authorizing you to construct your water diversion system and put the water to beneficial use, not exceeding the limits as specified in Water Permit No. 5211-3.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John Hatch".

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

JH: ms

enclosure

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.



NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE

Date 8-21-89

TO: Water Rights Division, DWNR
Joe Foss Building
Pierre SD 57501-3181

FROM: Ronald J. Goffre HCR #2 Box 64 Leola, S.D. 57456
name address city

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 5211-3.

Water Permit No. 5211-3 states that the diversion system is to be constructed by October 6, 1993, and that the water it put to beneficial use by October 6, 1997.

The diversion system was completed on June 16.
Applying the water to beneficial use was completed on July 11.

You may schedule an inspection so that the Water License may be issued.

Ronald J. Goffre
signature

Permit No. 5211-3
Water District: James River

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

I have this day made a thorough examination of the water use system constructed by Ronald J. Geffre, HCR 2, Box 64 of Leola, SD 57456 holder of Permit No. 5211-3, bearing the priority of July 11, 1988 authorizing the diversion of 0.10 cu. ft. per second of the waters of the Inyan Kara Aquifer for stock/domestic purposes, in McPherson County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

One artesian well 1540' deep with a Watts pressure regulator serial number 87500 operating at 30 PSI.

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

PVC pipe.

C. Works used to apply water to beneficial use:

Six stock tanks.

The system is in the following condition good.

The point of diversion is located 1400' W and 660' N of the center of Sec. 3, T126N, R66W.

The works are capable of diverting and conveying to the place of use 0.10 cu. ft. per second of water which is to be used for stock watering and backup for domestic use.

Water has been put to beneficial use to the maximum extent as follows:

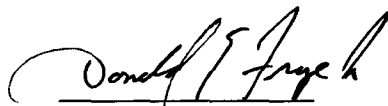
Used to fill six stock watering tanks located the the SW1/4 NW1/4, Sec. 3, T126N, R66W

The license should be issued for 0.10 cfs.

Applicable permit qualifications have been complied with X Yes No

Exceptions to compliance are: none

Date Inspected: 7/30/91



DONALD E. FRYE, JR.
Natural Resources Analyst
DENR, Water Rights Division

LICENSE FOR PERMIT NUMBER 5211-3

1. Legal location of wells: SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 3, T126N, R66W

dams & structures: 6 watering tanks for livestock

2. Well Information: Well Drilling Firm CORPORATE DRILLING

Completion Report Yes ☒ No ☐ No. of Wells 1 Depth 1540'

Casing a) diameter 5" 2" Screen a) type STEEL - 2"

b) length 301' 1540' b) length 70'

c) type STEEL PLASTIC Static Water Level _____

Pump a) make N/A Motor a) make N/A

b) model _____ b) model No. _____

c) size _____ c) horsepower rating _____

d) capacity _____ gpm

e) turbine pump - no. of stages _____

f) operating PSI _____

FLOWING WELL USES WATTS
PRESSURE REGULATOR SERIAL NUMBER
87500 OPERATING AT 30 PSI.

3. Distribution lines or canals

a) size _____

b) type _____

c) length _____

4. Dam Information:

a) height to crest _____ m) Outlet tubes:

b) height to primary spillway _____ 1) diameter _____

c) height to secondary spillway _____ 2) type _____

d) crest width _____ 3) valved (Y/N) _____

e) crest length _____ 4) valve type _____

f) spillway length _____ 5) location on structure _____

g) spillway width _____

h) approx. storage _____ n) Category of Dam _____

i) approx. storage to crest _____

j) date constructed _____

k) inspection sheet completed (Y/N) _____

l) Name of Contractor _____

5. System Type a) sideroll:

- 1) length _____ feet
- 2) diameter of pipe _____
- 3) make, model & number of
sprinklers _____
- 4) spacing of sprinklers _____
- 5) nozzle size _____

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

- 1) length _____
- 2) diameter _____
- 3) spacing of gates _____

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

- 1) length _____ feet
- 2) make, model & number of
sprinklers _____
- 3) spacing of sprinklers _____
- 4) nozzle size _____

d) center pivot

- 1) make _____
- 2) number of towers _____
- 3) distance between towers _____
- 4) overall length _____
- 5) end gun (Y/N) _____
- 6) high or low pressure _____
- 7) make & size of nozzles _____
- 8) capacity (GPM) _____

g) siphons

- 1) size _____
- 2) number _____

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project _____

Yes	No	Check Items
☒	☐	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
☒	☐	2. Special qualifications to permit being abided by?
☒	☐	3. All structures, wells and lands on map?
☐	☒ N/A	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
☐	☒ N/A	5. Is chemigation used?
☐	☒ N/A	6. If yes, does equipment comply with chemigation rules?

REMARKS:



GREAT FACES. GREAT PLACES.

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 15, 1991

5211-3

Ronald J Geffre
HCR 2 Box 64
Leola, SD 57456

Dear Mr. Geffre:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit No. 5211-3, has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the inspection and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,

Genny McMath
Natural Resources Analyst
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

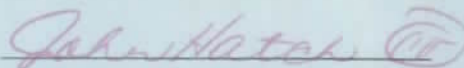
412796

Pierre, August 20, 19 91

RECEIVED OF Ronald or Carol Geffre, HCR 2, Box 64, Leola, SD 57456

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____		
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. <u>5211-3</u>	5000	
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	5000

By John Hatch 
Chief Engineer

Conversation or File Documentation

NAME OF PERSON OR FILE: Ronald BeffeADDRESS: ~~Rt 2~~ HCR 2, BOX 64, LEOLASD 57456 COUNTY McPhersonDATE: Nov 12, 1991 TELEPHONE _____RE: Inspection of water right 5211-3

COMMENTS:

I returned to Mr. Beffe's farm on Nov. 12, 1991 as a follow-up to my July 30, 1991 inspection. The purpose of the revisit was to measure the output of his artesian well. With Mr. Beffe's help, I used a 5 gal bucket and timed how long it took to fill it. It came out as approximately 16 GPM. His permit is for 45 GPM, so I will write him a letter explaining his time limits to build his system to successfully use 45 GPM.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.



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**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 25, 1991

Ronald J. Geffre
HCR 2 Box 64
Leola SD 57456

Dear Mr. Geffre:

A recent inspection of your water diversion system by Don Frye found that your well was flowing at approximately 16 gallons per minute (GPM). Your permit was issued for 45 GPM and you have until October 6, 1993, to complete construction of your water diversion system and until October 6, 1997, to put up to 45 GPM to beneficial use.

In accordance with state statutes, we must issue water licenses for the amount of water actually being placed to beneficial use. Therefore, your system would be licensed for 16 GPM.

I understand that you plan on expanding your operation, and anticipate needing more than 16 GPM. I believe issuance of the water license should be delayed to allow you more time to complete expansion plans. Your water use remains protected by Water Permit No. 5211-3 and you will maintain your priority date of July 11, 1988.

If you have any questions regarding this matter, please call Don Frye at 605-773-3352.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ron Duvall".

RON DUVALL
Natural Resources Engineer
Water Rights Division

Water Rights Division - DWNR
Conversation or File Documentation

File No. 5211-3

NAME OF PERSON OR FILE: RONALD GEFFRE

ADDRESS: HCR 2 BOX 64 LEOLA SD 57456 COUNTY McPherson

DATE: 12/17/91 TELEPHONE _____

RE: Controlling flow of well during low usage by cattle

COMMENTS:

I called Mr. Geffre and explained that Mr. Hatch, the Chief Engineer, was ready
to issue a license for permit 5211-3 for 45 GPM, but wanted assurance that the
flow from the well would be controlled (I mentioned 5 GPM) during periods when
the cattle numbers were down and water usage was low. Mr. Geffre explained that
his maximum usage of water was during the winter months and he was going to have
a large number of cattle using the water next summer. He confirmed that he
would adjust the flow from his well so as to use only the amount of water he
needed and would prevent waste.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Ronald J. Hatch

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 5211-3

(1) Ronald J. Geffre of RR 2, Box 64, Leola, SD 57456 made Application No. 5211-3, July 11, 1988 for a water permit to appropriate 0.10 cubic feet of water per second from groundwater (one well), McPherson County, South Dakota for domestic purposes. Permit No. 5211-3 with a priority date of July 11, 1988 was approved October 6, 1988 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before October 6, 1993 and for the application to beneficial use of said water on or before October 6, 1997.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.10 cubic feet of water per second for beneficial use. The location of the diversion point is: 1400'W and 660'N of the center of Section 3, T126N, R66W (SW1/4 NW1/4).

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use. The water is used to supply six stock watering tanks located in the SW1/4 NW1/4 Section 3, T126N, R66W.

(4) Pursuant to Section 46-5-30.1 Ronald J. Geffre of HCR 2, Box 64, Leola, SD 57456 the holder(s) and/or owner(s) of Water Permit No. 5211-3 is issued a license to appropriate water, the right to use 0.10 cubic feet of water per second from groundwater (one well) with a priority date of July 11, 1988 from the location specified in (2) of this license. The water is to be utilized for the purpose of domestic use. This license is subject to any limitations or qualifications listed in Water Permit No. 5211-3 and subject to South Dakota State Law.

 JUL 1 1992
JOHN HATCH, Chief Engineer
Water Rights Division
Department of Environment and
Natural Resources



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**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUL 1 1992

5211-3

Ronald J. Geffre
RR 2, Box 64
Leola, SD 57456

Dear Mr. Geffre:

Enclosed is Water License No. 5211-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 412796 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. 5211-3, 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.

Very truly yours,

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

enclosures