

Considered: _____

WATER PERMIT NO. 5271-3

HAP No. same 886-9771

Name of Applicant Warren Falk

Post Office Address RR1, Box 59, South Shore SD 57263

Amount of Water Claimed 1.78 cfs Total Acres 264 see No 4417-3

Source of Water Supply 2 wells ground water

Water to be used for irrigation County Grant

About 3 miles E of Lonesome Lake.

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved 3/1/89 Subject to _____

F.F. & C.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY _____ Date Received Jan 24, 1989 Fee \$250⁰⁰ Remarks _____

1/24/89

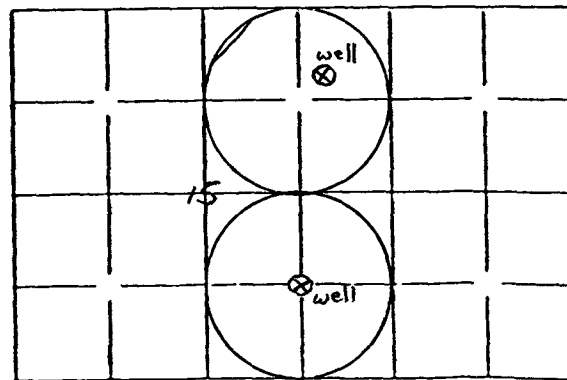
Corrected Application Received _____ Period of Annual Use June 1 - Sept 30

WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES _____ NO _____ REMARKS _____

Diversion Point 2 wells: NE 1/4 NE 1/4, center of SE 1/4
section 15 - T120N - R52W

Land to be Irrigated E 1/2 section 15 - T120N -
R52W



Well Log: Driller R.E. Kahnke Licensed YES ☒ NO ☐

Depth of Well 58' + 134' deep REMARKS test holes

Type of Map aerial photo PREPARED BY _____ Reviewed and the Number
assigned on _____ By _____

523 E. Capitol
Pierre, SD 57501
(605) 773-3352
PL 116144

(See instructions)

No. 5271-3 Hydrologic Unit 10170202
Basin Big Sioux River
Newspaper Waterbury Public Opinion
Box 10 57201-0010
Grand County Review
Box 390 (City) 57252

Application For Soil/Water Compatibility Permit and Permit To Appropriate Water

Type of Application: ☒ New ☐ Vested Right ☒ Amend Permit No. 4417-3
☐ Change Acreage ☒ Change diversion point(s) ☒ Add diversion point(s)
☐ Add Acreage ☐ Increase diversion rate ☐ Other _____

1. Name of Applicant Warren Halk Phone No. 886-9771

Post Office Address RR 1-Box 59 South Shore State S.D. 57263
(Street, RR or Box) (City) Zip Code

2. Amount of water claimed (c.f.s) 1.78 cfs Total acres irrigated 132 264

3. Source of Water supply existing well & new well(s) (2)

4. Location of point of diversion existing well 54 ft deep NE 1/4 NE 1/4 15-120-52
1 new well 58 ft deep NE 1/4 NE 1/4 15-120-52
1 new well: center of SE 1/4 Sec 15-T120N-R52W(134' deep) County Grant

5. Counties where water will be used Grant Jun 1 - Sep 30

6. Annual period during which water is to be used June July August & September

7. List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

NE 1/4 15-120-52 132 acres

Land Description	No. Acres Irr.
<u>NE 1/4 NE 1/4 15-120-52</u>	<u>33</u>
<u>SE 1/4 NE 1/4 15-120-52</u>	<u>33</u>
<u>SW 1/4 NE 1/4 15-120-52</u>	<u>33</u>
<u>NW 1/4 NE 1/4 15-120-52</u>	<u>33</u>

Land Description	No. Acres Irr.
<u>NE 1/4 SE 1/4 Sec 15-120N-52W</u>	<u>33</u>
<u>SE 1/4 SE 1/4 " "</u>	<u>33</u>
<u>SW 1/4 SE 1/4 " "</u>	<u>33</u>
<u>NW 1/4 SE 1/4 " "</u>	<u>33</u>

Attach sheet if more space is needed

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: ☒ Gun: _____ Other: _____ (Specify) _____

9. Crops to be Irrigated: Corn, Beans & alfalfa & potatoes

10. Give a description of proposed project. (Attach sheet if more space is needed)
We want to develop another shallow well 58 ft deep.
We are using a small deeper well that doesn't produce
like it did & we want to discontinue using it.
We also have a pipeline from these wells to the system
in the South quarter, would like to keep the permits so
we can pump water either direction. (continued)

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach maps, soils information and any other technical information.

STATE OF SOUTH DAKOTA)
County of CODINGTON)^{ss}

I, Warren Halk, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is truly representative of the water to be used, and that the matters stated in this application are true and correct.

Signed Warren Halk

Subscribed and sworn to before me this 20th day of JANUARY 1989

WILLIAM G. NEALE, Notary Public
Codington County, S. Dak.

William G Neale

Notary Public

Page 2

FALK, WARREN

5271-3

Form 2 (10, continued)

As soon as economically feasible, we would like to drill a deep well in the center of SE $\frac{1}{4}$ 15-120-52. There is a good, useable pipeline connecting or serving this system and the system on NE $\frac{1}{4}$ 15-120-52 which we would like to continue to use. Need about 800 gal per min of new water.

SOUTH DAKOTA
WATER PERMIT No. 5271-3 FOR IRRIGATION

Date of first receipt of application January 24, 1989.

Date Soil/Water Compatibility Permit received February 6, 1989.

Date of return of applicant for correction, amendments or changes required January 27, 1989.

Date of receipt of corrected application February 1, 1989.

The Water Management Board approved Water Permit Application No. 5271-3 on March 1, 1989 for Warren Falk, RR #1, Box 59, South Shore, SD 57263 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. 5271-3 appropriates 1.78 cubic feet of water per second from 2 wells, 58 feet and 134 feet deep, to irrigate 264 acres. One helper well, 112 feet deep, located in the NE1/4 as authorized by Water Right No. 4417-3 is to be replaced by one well, 58 feet deep, to be located in the NE1/4 NE1/4; both in Section 15-T120N-R52W. The second well is to be located near the center of the SE1/4 Section 15-T120N-R52W. Water from the replacement well and the additional well is to be used to supplement irrigation of 264 acres described on Water Right No. 4417-3 located in the E1/2 Section 15-T120-R52W..
2. The amount of the appropriation may not exceed 2 acre feet per acre per year or one-seventieth (1/70) cubic feet of water per second for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: June 1- September 30.
3. The date from which applicant may claim right is January 24, 1989.
4. One-fifth of the construction is to be completed on or before September 1, 1991.
5. All construction is to be completed on or before March 1, 1994.
6. Water is to be put to beneficial use on or before March 1, 1998.
7. 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 134 foot Prairie Coteau Aquifer well authorized by Permit No. 5271-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted with cement (bottom to top) from the producing formation to the surface.
2. The 58 foot Big Sioux North Aquifer well authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.

(continued)

**SOUTH DAKOTA
WATER PERMIT No. 5271-3 FOR IRRIGATION**

3. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
4. This permit is approved subject to the irrigation water use questionnaire being submitted each year.
5. The well authorized by Permit No. 5271-3 shall be spaced at least 660 feet from Indian Creek.
6. That the existing 110 foot Priarie Coteau Aquifer "helper well" in the NE1/4 Section 15, T120N, R52W be plugged with cement pursuant to Board Well Construction Rules, Chapter 74:02:04.

WATER MANAGEMENT BOARD

By: _____

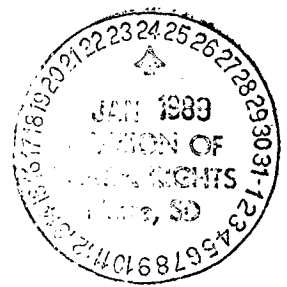
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

JUN 13 1989

(date)

Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- a) Drill Hole Diameter 20" Depth 134'
- b) Casing Type Fiberglass Diameter 12" Thickness .375
- c) Screen Type Fiberglass wire Diameter 12" Thickness .375
- d) Gravel Pack Thickness 4 Length of Gravel Pack 30'
- e) Depth to Top of Water Bearing Material 105'
- f) Depth to Water (ground surface to water level) 32'
- g) Distance to nearest existing domestic well:

On applicants property _____ On property owned by others 4785 ft

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.

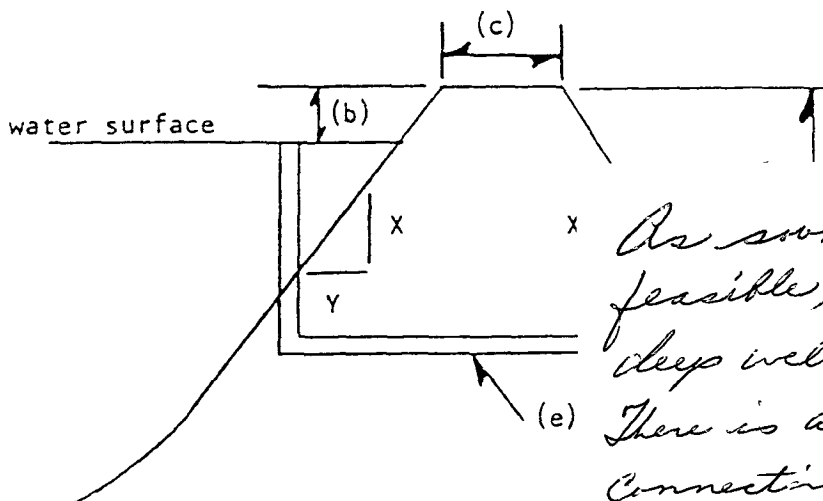
- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe diameter _____

Warren Halk
Signature of Applicant

As soon as economically feasible, we would like to drill a deep well in the center of SE 1/4 15-120-52. There is a good, useable pipeline connecting or serving this system and the system on NE 1/4 15-120-52 which we would like to continue to use. Need about 800 gal per min of new water.

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

411609

Pierre, January 26, 1989, 19 1989

RECEIVED OF Falk Farms, Inc., RR1 Box 59, South Shore, SD 57883

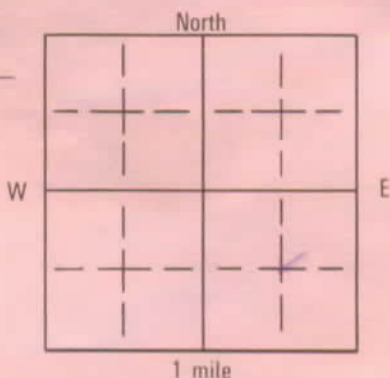
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>5271-3</u> to Appropriate Water, to construct works and to put water to beneficial use _____	250	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 _____		
(Any Other Work Provided by Law)	Total	250 00

By John Hatch / msa
Chief Engineer

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location S 1/4 E 1/4 Sec 15 Twp 120° Rg 51-52County Grant

Please mark well location with an "X"

Well Completion Date 1/21/89

PROPOSED USE:

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

Method of Drilling:

direct Rotary

CASING DATA:

☒ Steel ☐ Plastic ☒ OtherIf other describe 4" drill stem

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	IN	FT	FT	IN
				<u>6 1/4</u>
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 100 FEETWhat is grouting material? Portlandite slurry

If cement, number of sacks? _____

Describe grouting procedure After getting sample a footer pulled back pumped Portlandite through screenWhat was grout weight? 110 LB/GALSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 2 IN Length 10 FEETMaterial Johnson low carbon sand pointSlot Size 060 Set From 124 Feet To 134 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information gravel packed to 100' with down after pumping to get sampleWas a packer or seal used? ☐ YES ☐ NO

If so, what material? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☐ YES ☐ NO

Explain _____

Bacteriological analysis ☐ YES ☐ NOLaboratory sent to Brookings

Well Owner:

Name Warren FalkAddress South shore, SD

Well Log:

Depth:

Formation

From

To

Top soil	0'	3'
Yellow clay	3'	30'
Blue clay	30'	105'
gravel (medium good water loss)	105'	134'
Blue clay	134'	140'

STATIC WATER LEVEL 32' Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped☐ Bailed☐ OtherDescribe: with air through Drill stem

Pumping Level Below Land Surface

7 ft. After 3 Hrs. pumped Approx 60 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

Played with Portlandite Tube drilled out when applicant gets permit.This well was drilled under license # 386

And this report is true and accurate.

Drilling firm Irrigat 100 Supply Co.

Signature of License Representative:

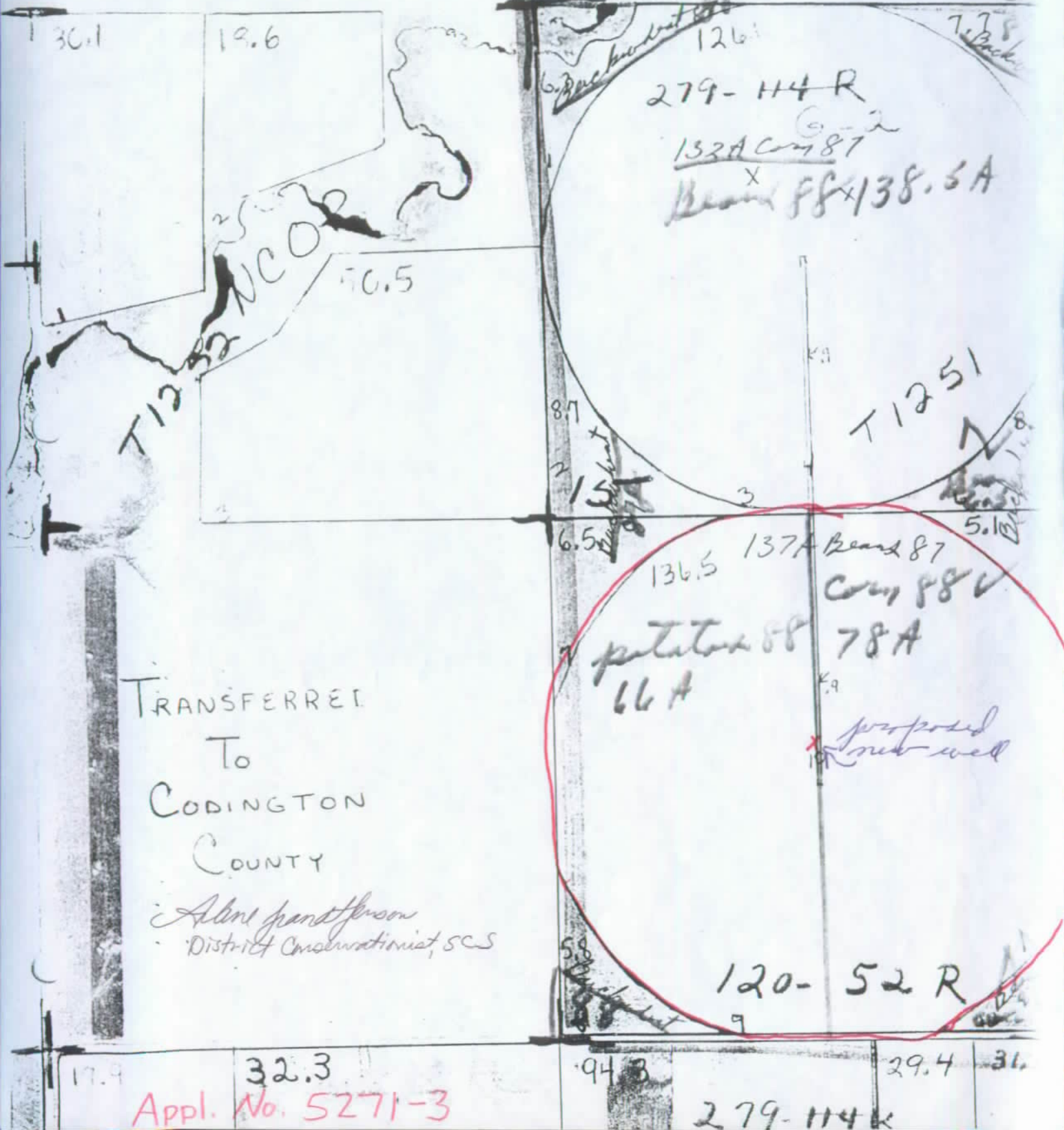
R E Kuhnke

Signature of Well Owner:

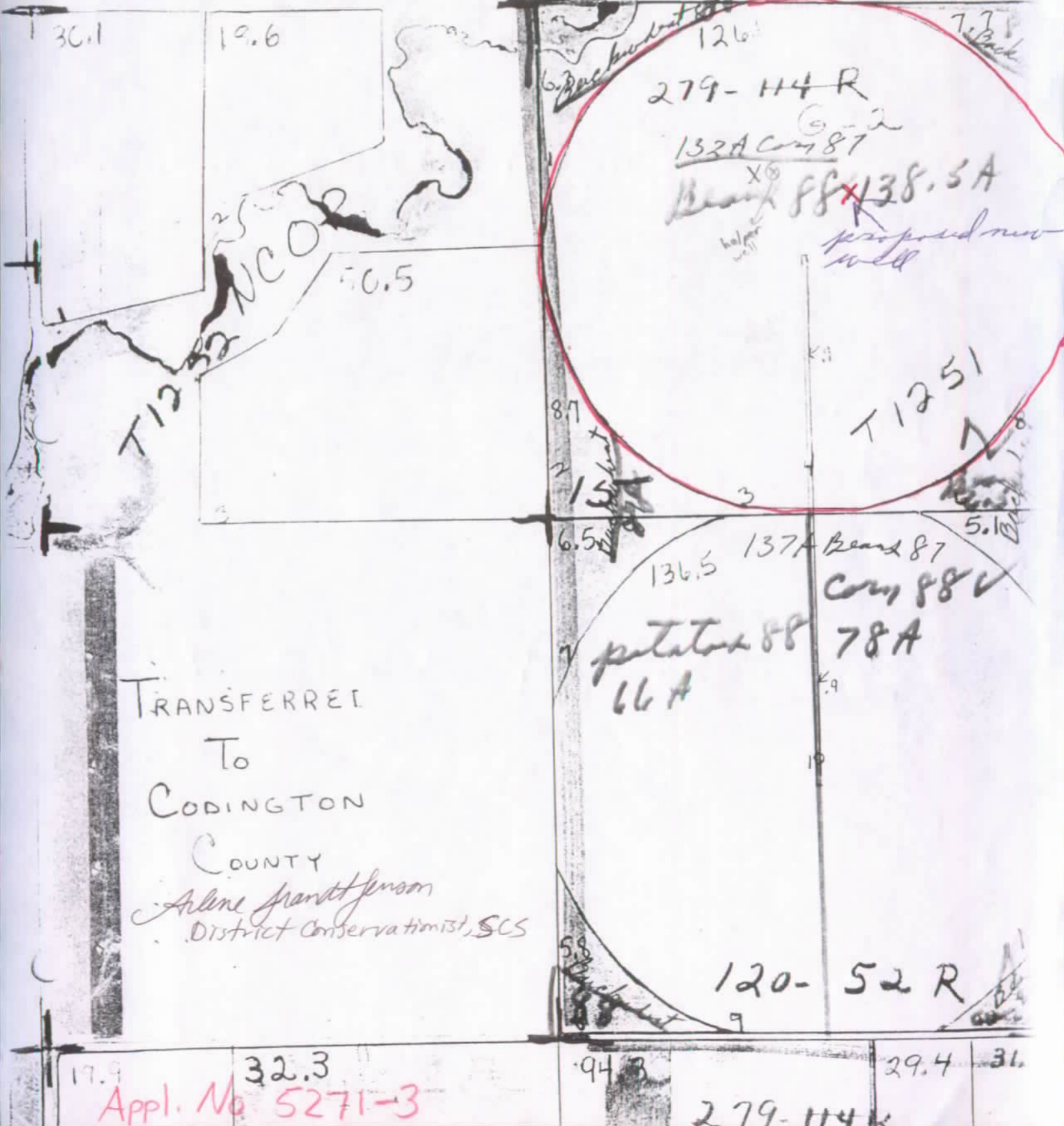
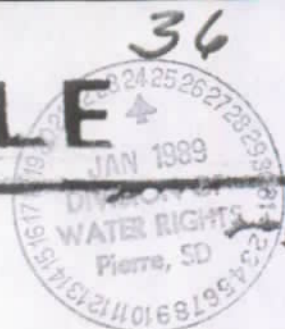
Warren FalkDate 1-3-89



NOT TO SCALE



NOT TO SCALE



Department of Agriculture
WI#1
5/87



SOIL/WATER COMPATIBILITY PERMIT

Division of Conservation

Office Use Only

4331

WR#

OWNERS NAME: Warren Falk

OWNERS ADDRESS: RR 1, Box 59

South Shore, SD 57263

COUNTY LAND LOCATED IN: Grant

PHONE: 886-9771

LEGAL DESCRIPTION:

☒ Well

☐ Surface

1. LOCATION Center of SE $\frac{1}{4}$ Sec. 15-T120N-R52W

Depth _____

Legal Description	Acres	Legal Description	Acres
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-T120N-R52W	33	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-T120N-R52W	33
SE $\frac{1}{4}$ NE $\frac{1}{4}$ " "	33	SE $\frac{1}{4}$ SE $\frac{1}{4}$ " "	33
SW $\frac{1}{4}$ NE $\frac{1}{4}$ " "	33	SW $\frac{1}{4}$ SE $\frac{1}{4}$ " "	33
NW $\frac{1}{4}$ NE $\frac{1}{4}$ " "	33	NW $\frac{1}{4}$ SE $\frac{1}{4}$ " "	33

TOTAL ACRES = 264

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: X GUN: _____ (Specify) _____

3. CROPS TO BE IRRIGATED: corn, beans, alfalfa, potatoes

WATER QUALITY:

4. WATER SAMPLE NUMBER: 75-296

7. ADJUSTED (SAR): _____

5. SALINITY (EC X 10⁶): 660

8. PERCENT SODIUM 8.43

6. SODIUM (SAR): 0.39

Requirements:

Director, Division of Conservation

Date 11/9/89

X APPROVED

DISAPPROVED

WAIVER

REQUIREMENTS

Soil/water permits will be recorded by the Department of Agriculture, with the County Register of Deeds.

Conversation or File Documentation

NAME OF PERSON OR FILE: Warren FalkADDRESS: RR1, Box 59, South Shore SD 57263 COUNTY GrantDATE: January 23, 1989 TELEPHONE 886-9771RE: New permit applications

COMMENTS:

Warren Falk called regarding construction of additional wells to supply water to acreage specified on existing water permits. Mr Falk indicated he would like to increase the diversion rate to irrigate the E $\frac{1}{2}$ sec 15-T120N-R52W from $\approx$ 900 gpm to 1700 gpm allowed by law for irrigation of 264 acres.

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: Don Small



Department of Water & Natural Resources

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

January 27, 1989

Warren Falk
RR 1, Box 59
South Shore SD 57263

Dear Mr. Falk:

The following information is needed to complete your water permit applications received January 24, 1989:

The maps submitted with the applications need to be signed by one of the following persons: A South Dakota registered professional engineer, A South Dakota licensed land surveyor or a government employee that prepares maps as part of his or her duties (ASCS or SCS office).

The maps need to be signed and returned before the Water Management Board can consider your water permit applications. Please contact me if you have any questions.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enc.



REPORT ON APPLICATION NO. 5271-3
Warren Falk
January 25, 1989

This application proposes to appropriate 1.78 cfs and to add 2 additional wells, one 58 feet deep and located in the NE 1/4 NE 1/4 of Section 15, the other 134 feet deep and located near the center of the SE 1/4 of Section 15, all in T120N, R52W in Grant County. Irrigation of these lands is authorized by Water Right No. 4417-3. This is a request for additional water and additional points of diversion. The legal description is located within the former boundary of the Sisseton Wahpeton Indian Reservation.

Aquifer - Big Sioux North (BS-N) and Prairie Coteau (PCO)

The Big Sioux-North is a surficial glacial outwash (sand and gravel) aquifer under water table conditions and is hydraulically connected to the Big Sioux River and its tributaries. The Prairie Coteau Aquifer is a buried glacial outwash (sand and gravel) and is under artesian conditions.

The Division of Water Rights monitors 8 observation wells completed into the PCO Aquifer in Grant County (Water Rights, 1989). One of these wells GT-76B is located within 1/2 mile of a proposed diversion and records for this well are included with this report. The record indicates drawdowns in excess of 50 feet can occur at GT-76B depending upon the length of time pumping is required for irrigation. The aquifer recovers quickly and in fact the record indicates recharge to the PCO Aquifer is easily sustaining existing withdrawals.

The Division of Water Rights monitors 5 observation wells completed into the BS-N Aquifer in Grant County (Water Rights, 1989). One of these wells GT-76A is located about 3/4 mile west of this proposed diversion and records for this well are included with this report. The record indicates pumping has no real effect upon water levels in this well. The water levels do respond to wet and dry climatic conditions and the record clearly indicates the extreme conditions of very wet and drought conditions.

Review of Existing Water Permits

Since this application is a restructuring of diversion points, the nearest existing permit is for the applicant. There is another shallow well in the BS-N Aquifer in the NE 1/4. Spacing of these wells is not critical and there are no other permits in this area from the BS-N Aquifer. The owner may wish to consider 660 feet spacing to minimize effects upon his own well. The additional deep well (PCO Aquifer) would be about 1/2 mile

northwest of another PCO well owned by this applicant. Drawdowns will occur, but this should not adversely affect water availability from the aquifer. There is one other Water Permit No. 2715-3 which is located more than 1 mile northeast of this application. The evidence clearly indicates pumping from either the PCO or the BS-N does not affect water levels in the other aquifer. There is no obvious hydrologic connection between the two aquifers in this area.

This area has been involved in controversy. Area domestic users have protested using water from either aquifer. Obviously, the drawdowns created by pumping the PCO Aquifer have caused problems with inadequate domestic wells. Also, the pumping by the shallow wells has led to protests concerning water in Indian Creek used for stockwatering.

Conclusions

1. Water is available from the PCO Aquifer and the Big Sioux North Aquifer.
2. Interference in PCO Aquifer should not be a problem. Drawdowns will occur and the record indicates recharge to the system is adequate to maintain additional diversions.
3. Interference in Big Sioux North Aquifer should not be adverse. However, there are springs or pools in Indian Creek which can be impacted by diversion from shallow wells. The problems is that only in dry years does this problem become obvious suggesting that the droughts are more significant than pumping.
4. The existing deep well "helper well" in the NE 1/4 of Section 15 must be plugged in accordance with South Dakota Well Plugging Standards.
5. The wells drilled under this application must be completed in accordance with SD Well Construction Standards.


JAMES A GOODMAN
Hydrologist

Bibliography

Water Rights, 1989, Observation Well Records For Grant County, SD, SD DWRN, Division of Water Rights, Joe Foss Bldg, Pierre SD. 57501.

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
GT-76A	120N-52W-090000	R 12/01/76	-21.2
GT-76A	120N-52W-090000	R 02/08/77	-21.3
GT-76A	120N-52W-090000	R 04/20/77	-19.8
GT-76A	120N-52W-090000	R 06/21/77	-19.5
GT-76A	120N-52W-090000	R 07/06/77	-19.5
GT-76A	120N-52W-090000	R 07/21/77	-19.7
GT-76A	120N-52W-090000	R 08/03/77	-19.9
GT-76A	120N-52W-090000	R 08/16/77	-20.2
GT-76A	120N-52W-090000	R 09/07/77	-20.7
GT-76A	120N-52W-090000	R 09/20/77	-20.2
GT-76A	120N-52W-090000	R 10/18/77	-20.2
GT-76A	120N-52W-090000	R 12/01/77	-19.7
GT-76A	120N-52W-090000	R 03/21/78	-19.6
GT-76A	120N-52W-090000	R 05/02/78	-16.9
GT-76A	120N-52W-090000	R 05/23/78	-16.9
GT-76A	120N-52W-090000	R 06/07/78	-16.8
GT-76A	120N-52W-090000	R 06/21/78	-17.2
GT-76A	120N-52W-090000	R 07/08/78	-17.4
GT-76A	120N-52W-090000	R 07/18/78	-17.5
GT-76A	120N-52W-090000	R 08/16/78	-18.2
GT-76A	120N-52W-090000	R 09/07/78	-18.6
GT-76A	120N-52W-090000	R 09/27/78	-18.8
GT-76A	120N-52W-090000	R 10/17/78	-19.0
GT-76A	120N-52W-090000	R 11/29/78	-18.8
GT-76A	120N-52W-090000	R 01/23/79	-19.5
GT-76A	120N-52W-090000	R 03/22/79	-19.8
GT-76A	120N-52W-090000	R 05/02/79	-17.2
GT-76A	120N-52W-090000	R 05/31/79	-17.5
GT-76A	120N-52W-090000	R 06/13/79	-17.6
GT-76A	120N-52W-090000	R 09/27/79	-18.2
GT-76A	120N-52W-090000	R 10/25/79	-18.4
GT-76A	120N-52W-090000	R 01/17/80	-18.8
GT-76A	120N-52W-090000	R 03/05/80	-19.1
GT-76A	120N-52W-090000	R 04/17/80	-18.7
GT-76A	120N-52W-090000	R 05/30/80	-18.8
GT-76A	120N-52W-090000	R 06/23/80	-18.7
GT-76A	120N-52W-090000	R 07/11/80	-18.8
GT-76A	120N-52W-090000	R 07/25/80	-19.0
GT-76A	120N-52W-090000	R 08/07/80	-19.2
GT-76A	120N-52W-090000	R 08/20/80	-19.4
GT-76A	120N-52W-090000	R 09/10/80	-19.5
GT-76A	120N-52W-090000	R 10/29/80	-19.6
GT-76A	120N-52W-090000	R 12/09/80	-19.8
GT-76A	120N-52W-090000	R 03/18/81	-19.8
GT-76A	120N-52W-090000	R 04/15/81	-19.6
GT-76A	120N-52W-090000	R 05/27/81	-19.7
GT-76A	120N-52W-090000	R 06/02/81	-19.7
GT-76A	120N-52W-090000	R 06/18/81	-19.8
GT-76A	120N-52W-090000	R 06/23/81	-19.3
GT-76A	120N-52W-090000	R 07/08/81	-19.4
GT-76A	120N-52W-090000	R 07/22/81	-19.5
GT-76A	120N-52W-090000	R 08/05/81	-19.7
GT-76A	120N-52W-090000	R 09/01/81	-19.8
GT-76A	120N-52W-090000	R 10/20/81	-20.1
GT-76A	120N-52W-090000	R 04/01/82	-19.4

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
GT-76A	120N-52W-090000	R 05/06/82	-19.2
GT-76A	120N-52W-090000	R 05/26/82	-19.2
GT-76A	120N-52W-090000	R 06/09/82	-19.2
GT-76A	120N-52W-090000	R 06/23/82	-19.4
GT-76A	120N-52W-090000	R 07/05/82	-19.3
GT-76A	120N-52W-090000	R 07/21/82	-19.5
GT-76A	120N-52W-090000	R 08/04/82	-19.7
GT-76A	120N-52W-090000	R 08/19/82	-19.8
GT-76A	120N-52W-090000	R 09/02/82	-20.9
GT-76A	120N-52W-090000	R 09/29/82	-20.1
GT-76A	120N-52W-090000	R 10/26/82	-20.2
GT-76A	120N-52W-090000	R 02/28/83	-20.1
GT-76A	120N-52W-090000	R 04/07/83	-19.7
GT-76A	120N-52W-090000	R 05/25/83	-19.2
GT-76A	120N-52W-090000	R 06/08/83	-19.4
GT-76A	120N-52W-090000	R 06/20/83	-19.5
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GT-76A	120N-52W-090000	R 10/03/83	-20.0
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GT-76A	120N-52W-090000	R 04/18/84	-17.8
GT-76A	120N-52W-090000	R 05/02/84	-17.4
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GT-76A	120N-52W-090000	R 08/07/84	-17.8
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GT-76A	120N-52W-090000	R 10/31/84	-18.7
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GT-76A	120N-52W-090000	R 05/28/85	-18.0
GT-76A	120N-52W-090000	R 06/25/85	-18.4
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GT-76A	120N-52W-090000	R 04/23/86	-15.9
GT-76A	120N-52W-090000	R 05/06/86	-15.7
GT-76A	120N-52W-090000	R 06/03/86	-15.4
GT-76A	120N-52W-090000	R 07/01/86	-15.2
GT-76A	120N-52W-090000	R 07/31/86	-16.2
GT-76A	120N-52W-090000	R 09/04/86	-16.8
GT-76A	120N-52W-090000	R 10/29/86	-17.1
GT-76A	120N-52W-090000	R 04/09/87	-17.7
GT-76A	120N-52W-090000	R 05/27/87	-18.1
GT-76A	120N-52W-090000	R 06/24/87	-18.4
GT-76A	120N-52W-090000	R 07/23/87	-18.7
GT-76A	120N-52W-090000	R 08/20/87	-19.9
GT-76A	120N-52W-090000	R 09/17/87	-19.2

OBS_WELL	LOCATION	DATE	READING
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6T-76A	120N-52W-090000 R	06/02/88	-19.1
6T-76A	120N-52W-090000 R	08/12/88	-19.9
6T-76A	120N-52W-090000 R	09/07/88	-20.2
6T-76A	120N-52W-090000 R	10/14/88	-20.6
6T-76A	120N-52W-090000 R	02/16/89	-20.3

N= 118

PLOT OF READING#DATE SYMBOL USED IS *

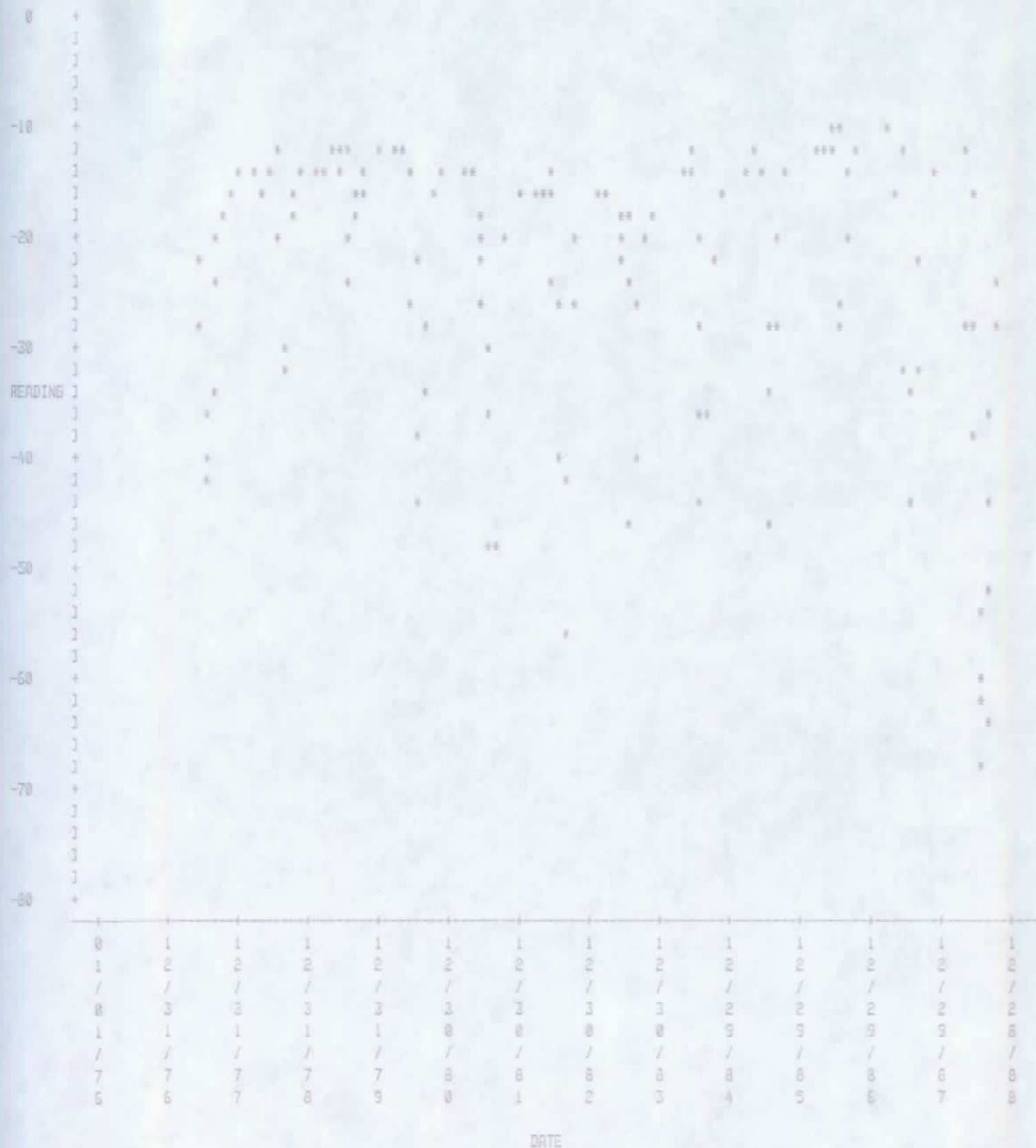
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GT-76B	120N-52W-23B000	R 07/06/77	-35.5
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GT-76B	120N-52W-23B000	R 09/20/77	-20.2
GT-76B	120N-52W-23B000	R 10/18/77	-16.5
GT-76B	120N-52W-23B000	R 12/01/77	-15.6
GT-76B	120N-52W-23B000	R 01/17/78	-14.9
GT-76B	120N-52W-23B000	R 03/21/78	-14.6
GT-76B	120N-52W-23B000	R 04/11/78	-14.2
GT-76B	120N-52W-23B000	R 05/01/78	-15.4
GT-76B	120N-52W-23B000	R 05/23/78	-13.8
GT-76B	120N-52W-23B000	R 06/07/78	-13.3
GT-76B	120N-52W-23B000	R 06/21/78	-13.2
GT-76B	120N-52W-23B000	R 07/08/78	-12.9
GT-76B	120N-52W-23B000	R 07/18/78	-19.2
GT-76B	120N-52W-23B000	R 08/16/78	-29.7
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GT-76B	120N-52W-23B000	R 10/17/78	-15.4
GT-76B	120N-52W-23B000	R 11/29/78	-14.5
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GT-76B	120N-52W-23B000	R 05/31/79	-13.0
GT-76B	120N-52W-23B000	R 06/13/79	-13.8
GT-76B	120N-52W-23B000	R 07/03/79	-12.6
GT-76B	120N-52W-23B000	R 07/17/79	-24.8
GT-76B	120N-52W-23B000	R 07/31/79	-20.9
GT-76B	120N-52W-23B000	R 08/14/79	-17.5
GT-76B	120N-52W-23B000	R 09/05/79	-15.3
GT-76B	120N-52W-23B000	R 09/27/79	-16.1
GT-76B	120N-52W-23B000	R 10/25/79	-13.9
GT-76B	120N-52W-23B000	R 01/17/80	-12.7
GT-76B	120N-52W-23B000	R 03/05/80	-12.7
GT-76B	120N-52W-23B000	R 04/17/80	-12.7
GT-76B	120N-52W-23B000	R 05/30/80	-26.2
GT-76B	120N-52W-23B000	R 06/23/80	-14.8
GT-76B	120N-52W-23B000	R 07/11/80	-21.8
GT-76B	120N-52W-23B000	R 07/25/80	-38.5
GT-76B	120N-52W-23B000	R 08/07/80	-44.4
GT-76B	120N-52W-23B000	R 08/20/80	-28.0
GT-76B	120N-52W-23B000	R 09/10/80	-35.0
GT-76B	120N-52W-23B000	R 10/29/80	-15.9
GT-76B	120N-52W-23B000	R 12/09/80	-14.9
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GT-76B	120N-52W-23B000	R 04/15/81	-14.3
GT-76B	120N-52W-23B000	R 05/27/81	-26.1
GT-76B	120N-52W-23B000	R 06/02/81	-21.7
GT-76B	120N-52W-23B000	R 06/10/81	-19.8
GT-76B	120N-52W-23B000	R 06/23/81	-17.2

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
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GT-768	120N-52W-238888	R 12/29/81	-16.7
GT-768	120N-52W-238888	R 04/01/82	-15.5
GT-768	120N-52W-238888	R 05/06/82	-15.1
GT-768	120N-52W-238888	R 05/26/82	-15.2
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GT-768	120N-52W-238888	R 02/28/83	-16.4
GT-768	120N-52W-238888	R 04/07/83	-15.8
GT-768	120N-52W-238888	R 05/25/83	-17.2
GT-768	120N-52W-238888	R 06/08/83	-21.1
GT-768	120N-52W-238888	R 06/20/83	-19.1
GT-768	120N-52W-238888	R 07/07/83	-17.2
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GT-768	120N-52W-238888	R 08/02/83	-45.3
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GT-768	120N-52W-238888	R 11/09/83	-17.2
GT-768	120N-52W-238888	R 04/10/84	-14.4
GT-768	120N-52W-238888	R 05/02/84	-13.9
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GT-768	120N-52W-238888	R 06/27/84	-12.9
GT-768	120N-52W-238888	R 07/11/84	-19.9
GT-768	120N-52W-238888	R 07/25/84	-35.2
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GT-768	120N-52W-238888	R 10/30/84	-16.6
GT-768	120N-52W-238888	R 04/08/85	-13.2
GT-768	120N-52W-238888	R 05/14/85	-12.7
GT-768	120N-52W-238888	R 05/28/85	-13.1
GT-768	120N-52W-238888	R 06/11/85	-13.5
GT-768	120N-52W-238888	R 06/25/85	-13.1
GT-768	120N-52W-238888	R 07/09/85	-35.0
GT-768	120N-52W-238888	R 07/23/85	-28.3
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GT-768	120N-52W-238888	R 09/11/85	-19.1
GT-768	120N-52W-238888	R 10/23/85	-14.9
GT-768	120N-52W-238888	R 03/26/86	-13.0
GT-768	120N-52W-238888	R 04/09/86	-12.6
GT-768	120N-52W-238888	R 04/23/86	-12.0

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
GT-76B	120N-52W-23B000	R 05/06/86	-11.5
GT-76B	120N-52W-23B000	R 06/03/86	-10.7
GT-76B	120N-52W-23B000	R 06/19/86	-12.2
GT-76B	120N-52W-23B000	R 07/01/86	-10.6
GT-76B	120N-52W-23B000	R 07/16/86	-20.5
GT-76B	120N-52W-23B000	R 07/31/86	-25.9
GT-76B	120N-52W-23B000	R 08/13/86	-20.2
GT-76B	120N-52W-23B000	R 09/04/86	-15.0
GT-76B	120N-52W-23B000	R 10/29/86	-11.4
GT-76B	120N-52W-23B000	R 04/09/87	-10.8
GT-76B	120N-52W-23B000	R 05/13/87	-15.5
GT-76B	120N-52W-23B000	R 05/26/87	-12.0
GT-76B	120N-52W-23B000	R 06/10/87	-12.6
GT-76B	120N-52W-23B000	R 06/24/87	-32.8
GT-76B	120N-52W-23B000	R 07/09/87	-34.0
GT-76B	120N-52W-23B000	R 07/23/87	-34.9
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GT-76B	120N-52W-23B000	R 06/02/88	-16.8
GT-76B	120N-52W-23B000	R 06/16/88	-38.8
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GT-76B	120N-52W-23B000	R 07/15/88	-60.7
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GT-76B	120N-52W-23B000	R 08/25/88	-63.2
GT-76B	120N-52W-23B000	R 08/31/88	-44.6
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GT-76B	120N-52W-23B000	R 09/23/88	-28.6
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GT-76B	120N-52W-23B000	R 02/16/89	-16.7

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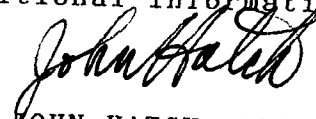
NOTE: 1 OBS HAD MISSING VALUES OR WERE OUT OF RANGE 12 OBS HIDDEN

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5271-3, Warren Falk

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. 5271-3, Warren Falk, RR 1, Box 59, South Shore SD.

The Chief Engineer is recommending DEFERRAL of Application No. 5271-3 to allow time for further study and analysis of this application.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
January 26, 1989

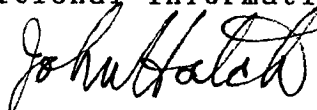
REVISED RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5271-3, Warren Falk

Pursuant to SDCL 46-2A-2, the following is the Revised recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 5271-3, Warren Falk, RR 1, Box 59, South Shore SD.

The Chief Engineer is recommending APPROVAL of Application No. 5271-3 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 134 foot Prairie Coteau Aquifer well authorized by Permit No. 5271-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted with cement (bottom to top) from the producing formation to the surface.
2. The 58 foot Big Sioux North Aquifer well authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
3. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
4. This permit is approved subject to the irrigation water use questionnaire being submitted each year.
5. The well authorized by Permit No. 5271-3 shall be spaced at least 660 feet from other Big Sioux North Aquifer well in the NE 1/4 of Section 15, T120N, R52W and at least 660 feet from Indian Creek.
6. That the existing 110 foot Prairie Coteau Aquifer "helper well" in the NE 1/4 Section 15, T120N, R52W be plugged with cement pursuant to Board Well Construction Rules, Chapter 74:02:04.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
February 27, 1989



Water & Natural Resources

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

February 6, 1990

Orvil Stormo
RR 1, Box 58
Summit SD 57266

Dear Mr. Stormo:

Enclosed are copies of notices of hearing for water permit applications to irrigate in the Watertown vicinity. These notices are being forwarded to you because of your past concern regarding development of irrigation projects in your vicinity. These applications for irrigation permits may or may not be in your immediate area.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ron Duvall". The signature is written in dark ink and is positioned below the word "Sincerely,".

Ron Duvall
Natural Resources Engineer
605 773-3352

enc.



Department of Water & Natural Resources

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

January 29, 1989

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPERS RIGHT AWAY.

Warren Falk
RR 1, Box 59
South Shore SD 57263

Dear Mr. Falk:

Your Application Nos. 5269-3 and 5271-3 for permits to appropriate water for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. Notice of your intent to appropriate water has been sent to the Publisher of the Watertown Public Opinion, Watertown and Grant County Review, Milbank SD. For your information, a copy of the notice is enclosed. The recommendation of the Chief Engineer and a report on the application will be sent later. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspapers to authorize publication of your Notice of Intent to Appropriate Water and to arrange for payment. Early contact with the papers can eliminate delays. The publishers have been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur 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
605 773-3352

enclosures

NOTE: The Department of Agriculture may require that a Soil/Water Compatibility Application (SWCA) be approved for your proposed well in the NE1/4 section 15 and especially for the deep well in the SE1/4 section 15. You need to be aware that if a SWCA is required and is not approved by the Department of Agriculture prior to the March 1, 1989 Water Management Board meeting, then the applicable portions of Application No. 5271-3 will be deleted from the March 1, 1989 Board meeting agenda. If SWCA approval is not received and the applicable portions of Application No. 5271-3 are removed from the March 1, 1989 agenda, then a separate application for those deleted portions will need to be advertised for a later hearing date.

When the Department of Agriculture approves the SWCA, if needed, then approval of the application is subject to review by the Conservation Commission during the March 9, 1989 Commission meeting. You should also realize the Commission has the authority to reverse the Department of Agriculture's approval of the SWCA after reviewing the approved SWCA. Although not expected, if the Commission does reverse approval of the SWCA, then Application No. 5271-3 will not be issued if approved at the March 1, 1989 Board meeting.



Department of Water & Natural Resources

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

January 26, 1989

Watertown Public Opinion
PO Box 10
Watertown SD 57201-0010

Dear Sir:

Enclosed is a Notice of Hearing on Application Nos. 5269-3 and 5271-3 to be published twice. Please publish the first notice on or before February 1, 1989 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 Warren Falk, RR 1, Box 59, South Shore SD 57263.

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

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

No. _____

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





Department of Water & Natural Resources

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

January 26, 1989

Grant County Review
Box 390
Milbank SD 57252

Dear Sir:

Enclosed is a Notice of Hearing on Application Nos. 5269-3 and 5271-3 to be published twice. Please publish the first notice on or before February 1, 1989 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 Warren Falk, RR 1, Box 59, South Shore SD 57263.

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

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

No. _____

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 February 1, 1989 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARINGS on Application Nos. 5269-3 and 5271-3 to Appropriate Water

Notice is given that Warren Falk, RR 1, Box 59, South Shore SD 57263 has filed Application No. 5269-3 for a water permit to appropriate 0.94 cubic feet of water per second (cfs) from one additional well (Prairie Coteau Aquifer) 163 feet deep to irrigate 60 acres. The additional well is to be located in the SE 1/4 SE 1/4 and the acreage to be irrigated is in the SE 1/4; all in Section 1-T120N-R52W (within boundary of the former Sisseton Wahpeton Indian Reservation). Water Permit No. 4637-3 authorizes irrigation of the same acreage from a well located in the NE 1/4 Section 12-T120N-R52W.

Application No. 5271-3 is to appropriate 1.78 cubic feet of water per second (cfs) from 2 wells 58 feet and 134 feet deep to irrigate 264 acres. Water Right No. 4417-3 appropriates 8.0 cfs from 4 wells to irrigate 1,034 acres in Sections 15, 21, 22, 23 and 27-T120N-R52W. One helper well, 112 feet deep, located in the NE 1/4 Section 15 as authorized by No. 4417-3 is to be replaced by one well (Big Sioux North Aquifer) 58 feet deep to be located in the NE 1/4 NE 1/4 Section 15; all in T120N-R52W. The second well (Prairie Coteau Aquifer) 134 feet deep is to be located near the center of the SE 1/4 Section 15-T120N-R52W. Water from the replacement well and the additional well is to be used to supplement irrigation of 264 acres (specified on No. 4417-3) located in the E 1/2 Section 15-T120N-R52W. The described legal descriptions are located within the former boundary of the Sisseton-Wahpeton Indian Reservation.

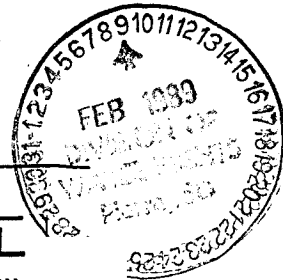
Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends DEFERRAL of Application Nos. 5269-3 and 5271-3 to allow time for further study and analysis of these applications. Parties of record will receive copies of any revised recommendations. These applications will be considered by the Water Management Board at the Howard Johnson's, Roosevelt Room, 1-90 at LaCrosse, Rapid City SD on March 1, 1989 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 these applications based on the facts presented at the public hearing.

Although the Chief Engineer has recommended DEFERRAL, any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and the Chief Engineer by February 17, 1989. This application will probably not be readvertised. Parties will be given personal notice of any future hearings. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". The petition may be informal, but must include a statement describing the petitioner's interest in an application, the petitioner's reasons for opposing or supporting an 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 these applications or to assure access to the hearing by the handicapped.

These hearings are adversary proceedings. 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 a 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 February 17, 1989.

(continued)

These applications are 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; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Codington) ss.

I, Monica K Saathoff heret

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

Water was taken from the Watertown Public Opinion

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

city of Watertown

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

January 31st, 1989

February 6th, 1989

Monica K. Saathoff
(Signature)

Bookkeeper
(Title)

February 6th, 1989
(Date Signed)

Cost of Printing: \$115.50

WATERTOWN

**NOTICE OF HEARINGS ON
APPLICATION NOS. 5269-3
and 5271-3 TO
APPROPRIATE WATER**

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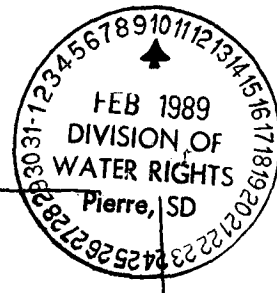
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(January 31; February 6, 1989)



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Grant) ss.

I, Phyllis Justice hereby

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

Water was taken from the Grant County Review

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 Milbank

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

February 1, 1989

February 8, 1989

Phyllis Justice
(Signature)

Publisher
(Title)

=February 8, 1989
(Date Signed)

Cost of Printing: _____

\$52.16

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On Application Nos. 5269-3 and 5271-3
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Feb. 1

Feb. 8



Summit, S.D.
February 10, 1989

Water Rights Division
Foss Building
Pierre, S.D.

Gentlemen,

I am writing in regard to the application No. 5271-3 for two new wells requested by Warren Falk in S 15-T120N-R52W.

It is very obvious that the water in the Indian Creek adjoining the described land is affected by the pumping from the Big Sioux North Aquifer. Adding another well will only add to further depletion of the water available for the springs to flow in the creek. The past summer of 1988 with the lack of rainfall only proves to us the need for concern to the land owner who has pasture water relying on water for livestock.

I will be unable to attend the hearing in Rapid City, therefore I urge the Board of Water Rights to seriously consider this before issuing any more wells for Warren Falk in S15-T120N-R52W.

Sincerely,

Orvil Stormo

 **Department of
Water & Natural Resources**

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

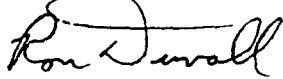
February 17, 1989

Warren Falk
RR 1, Box 59
South Shore SD 57263

Dear Mr. Falk:

This letter is to inform you a petition has been received from Orvil Stormo concerning Application No. 5271-3. Enclosed for your information is a copy of the petition.

Sincerely,



Ron Duvall
Natural Resources Engineer
605 773-3352

enc.



Feb. 16, 1989
(date)

page 1

Parties of Record before Water Management Board regarding Water Permit
Application No. 5271-3, Warren Falk

Proponent:

Opponents:

Warren Falk
RR1, Box 59
South Shore SD 57263

Orvil Sterma
R1, Box 58
Summit SD 57266



Department of Water & Natural Resources

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

March 8, 1989

NOTICE

TO: Warren Falk
RR 1, Box 59
South Shore SD 57263

Orvil Stormo
Route 1, Box 58
Summit SD 57266

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Approval of Water Permit Application No. 5271-3, Warren Falk

This Notice is to inform you that on March 1, 1989, the Water Management Board approved with qualifications Water Permit Application No. 5271-3. The permit appropriates 1.78 cubic feet of water per second from 2 wells to irrigate 264 acres in the E1/2 section 15-T120N-R52W.

Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

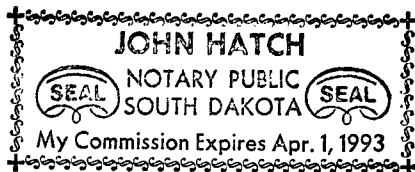
CERTIFICATION

I hereby certify that on March 8, 1989 I have personally deposited with the U.S. Mail postage prepaid envelopes containing a Notice of Approval of Water Permit Application No. 5271-3 addressed as stated on the notice.

Karen Schlaak
KAREN SCHLAACK
Senior Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 9th day of March, 1989.



John Bates
Notary Public



Department of Water & Natural Resources

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

JUN 13 1989

Warren Falk
RR 1, Box 59
South Shore SD 57263

Dear Mr. Falk:

Enclosed is Water Permit No. 5271-3 as approved by the Water Management Board authorizing construction of the water system and the application of water beneficial use, not exceeding the limits as specified in the Water Permit.

We will schedule an inspection so that the Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

A handwritten signature in black ink, appearing to read "John Hatch".

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

enclosures



File No. 5269-3, 4637-3, & 5271-3
Water Rights Division -DWNR
Conversation or File Documentation

NAME OF PERSON OR FILE: Warren Falk, Falk Farms

ADDRESS: RR 1, Box 59, South Shore, SD COUNTY: Grant

DATE: 1/4/91 TELEPHONE: 605 886-9771

RE: Additional information about inspections

COMMENTS:

I called Mr. Falk about the inspections I performed of his irrigation systems. He said that the lands and irrigation covered under 5271-3 was now separate from the irrigation covered under 4417-3.

He also said that he would be sending the well logs that he had in, for the irrigation wells which I inspected.

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.



Mark D. Rath
Natural Resources Engineer II
DWNR, Water Rights Division

LICENSE FOR PERMIT NUMBER 5271-3

Well #1

1. Legal location of wells: NEAR THE CENTER OF SE 1/4 OF SECTION
15 - T120N - R52W RES~~dams & structures:~~ FROM THE SE CORNER OF SECTION 15 1320' NORTH 1320' WEST2. Well Information: Well Drilling Firm KAISER WELL DRILLING

Completion Report Yes X No _____ No. of Wells 1 Depth 134'

Casing a) diameter 12" Screen a) type FIBERGLASS
 b) length 109' b) length 25'
 c) type FIBERGLASS Static Water Level 32'

Pump a) make VALLEY Motor a) make CUMMINS DIESEL
 b) model — b) model No. 106752
 c) size 8" c) horsepower rating —
 d) capacity 450 gpm
 e) turbine pump - no. of stages —
 f) operating PSI —

3. Distribution lines or canals

a) size 6"
 b) type PVC
 c) length 260'

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

SOUTH PILOT

- 1) make VALLEY WATER DRIVE
- 2) number of towers 13
- 3) distance between towers _____
- 4) overall length 1280
- 5) end gun (Y/N) Y
- 6) high or low pressure H
- 7) make & size of nozzles RAINBIRD
- 8) capacity (GPM) 900

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 4417-3

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

REMARKS:

LICENSE FOR PERMIT NUMBER 5271-3 - CONTINUED

Well #2

1. Legal location of wells: NE 1/4 NE 1/4 SECTION 15-T120N-R52W RES
FROM THE NE CORNER OF SECTION 15 1100' WEST, 950' SOUTH
 dams & structures: _____

2. Well Information: Well Drilling Firm KAKER WELL DRILLING

Completion Report Yes ☒ No _____ No. of Wells 1 Depth 58'

Casing a) diameter 14 Screen a) type STAINLESS STEEL
 b) length 36' b) length 20'
 c) type STEEL Static Water Level 24'

Pump a) make FAIRBANKS MORSE Motor a) make US ELECTRICAL
 b) model K3A2080845 b) model No. 326TPH
 c) size 10" c) horsepower rating 50
 d) capacity 500 gpm
 e) turbine pump - no. of stages 8
 f) operating PSI -

3. Distribution lines or canals

a) size 6"
 b) type PVC
 c) length 2600'

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

North Pivot

- 1) make VALLEY WATER DRIVE
- 2) number of towers 13
- 3) distance between towers _____
- 4) overall length 1280'
- 5) end gun (Y/N) Y
- 6) high or low pressure Hi
- 7) make & size of nozzles RAINBIRD
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g) siphons

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

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

REMARKS:

Big Sioux River Water District**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

TO: Chief Engineer, Division of Water Rights, DWRN, Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by WARREN FALK
 of SOUTH SHORE, SD holder of
 Permit No. 5271-3, bearing the priority of JANUARY 24 19 89 authorizing
 the diversion of 1.78 cu. ft. per second of the waters of GROUND WATER
 for IRRIGATION purposes, in GRANT County.

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

- A. Works used to divert the water: AN 8" VALLEY PUMP WITH A 450 gpm CAPACITY
AND A 10" FRANKS MOSE PUMP WITH A 500 gpm CAPACITY
- B. Works used to transport water to place of use: 2600' of 6" PVC PIPE
- C. Works used to apply water to beneficial use: TWO 1280' VALLEY WATER DRIVE
CENTER PIVOTS

The system is in the following condition GOOD

The point of diversion is located WELL #1 FROM SE CORNER 1320' NORTH, 1320' WEST
WELL #2 FROM NE CORNER 1100' WEST, 950' SOUTH ALL IN SECTION 15-T120N
R52W RES

The works are capable of diverting and conveying to the place of use 2.11cu. ft. per second of water which is to be used for IRRIGATIONWater has been put to beneficial use to the maximum extent as follows: ALL LAND IS IN SECTION 15

<u>T120N-R52W RES</u>	<u>NW 1/4 NE 1/4 - 33 ac</u>	<u>NW 1/4 SE 1/4 - 33 ac</u>
	<u>NE 1/4 NE 1/4 - 33 ac</u>	<u>NE 1/4 SE 1/4 - 33 ac</u>
	<u>SE 1/4 NE 1/4 - 33 ac</u>	<u>SE 1/4 SE 1/4 - 33 ac</u>
	<u>SW 1/4 NE 1/4 - 33 ac</u>	<u>SW 1/4 SE 1/4 - 33 ac</u>

comprising a total of 264 acres of land and the license should be issued for 1.78 cfs ~~2.00~~
~~ATTACHED - SEE~~
~~WATER LICENSE NO~~
~~5271A-3 & 5271B-3~~

Applicable permit qualifications have been complied with X Yes NoExceptions to compliance are: Date 8/19/90

Paul D. Roth
 (signature)

[illegible]

Monty D. Kell
NATURAL RESOURCES ENGINEER II
WATER RIGHTS DIVISION
5/23/91

17.1	32.3	94.3	29.4	31.
April 11	52-1-3		279-114K	



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

GREAT FACES. GREAT PLACES.

August 6, 1991

5271-3

Warren Falk
RR #1 Box 59
South Shore, SD 57263

Dear Mr. Falk:

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. 5271-3, 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,

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

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

412787

Pierre, August 9, 19 91

RECEIVED OF Falk Farms, Inc., Warren or Edoise Falk, RR 1, Box 59, South Shore, SD 57263

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>5271-3</u>	50	00
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	50 00

By

John Hatch *CF*

Chief Engineer

South Dakota



GREAT FACES. GREAT PLACES.

February 1, 1991

FALK FARMS INC
RR #1 BOX 59
SOUTH SHORE SD 57263

DEPARTMENT OF WATER & NATURAL RESOURCES

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

NOTICE

RE: Violation of Water Permit No(s) 4417-3, 4637-3, 5269-3, 5271-3

Our records indicate that the 1990 Irrigation Questionnaire has not been submitted for Permit No(s) 4417-3, 4637-3, 5269-3, 5271-3. The request for the Questionnaire was dated October 12, 1990. The Water Management Board has directed that owners of water permits who have not submitted the 1990 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing will be held to determine action to be taken by the Board for violation of Water Permit No(s) 4417-3, 4637-3, 5269-3, 5271-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 9:15 am, February 27, 1991, at the Governor's Inn in the meeting room, 700 West Sioux Avenue, Pierre SD.

The hearing will be conducted pursuant to the provisions of SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to procedures contained in SDCL 1-26. Following the hearing, the Water Management Board can:

1. Suspend Permit No(s) 4417-3, 4637-3, 5269-3, 5271-3 until the 1990 Irrigation Water Use Questionnaire is submitted or for a period of up to one year;
2. Postpone any action;
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire is received in this office before the February 27th hearing date, you will no longer be in violation of your permit and your name will be deleted from the agenda for the hearing.

Very truly yours,

Ron Duvall, Natural Resources Engineer IV
Water Rights Division
605 773-3352

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: FALK FARMS INC RR #1 BOX 59 SOUTH SHORE SD 57263	4. Article Number P694057 479 Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and <u>DATE DELIVERED</u>.
5. Signature — Addressee X <i>Warren Falk</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X	
7. Date of Delivery 2-2-91 C-	



DEPARTMENT OF WATER & NATURAL RESOURCES

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

February 6, 1991

Warren & Eloise Falk
Falk Farms Inc.
RR #1 Box 59
South Shore, SD 57263

Dear Mr. & Mrs. Falk:

I am writing to acknowledge receipt of your 1990 irrigation questionnaires for Water Permit Nos. 2477-3, 2827-3, 4180-3, 4184-3, 4417-3, 4637-3, 5269-3, 5271-3. You may disregard the February 1, 1991, Notice of failure to submit the 1990 irrigation questionnaires and the Notice of failure to report chemical use. With receipt of the questionnaires, your name has been deleted from the February Water Management Board meeting agenda.

If you have any questions, please contact Genny McMath, at (605) 773-3352.

Sincerely,

Ron Duvall, Natural Resources Engineer IV
Water Rights Division

cc: Ina Kahnke, 405 5th Ave NW, Watertown, SD 57201



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

WARREN FALK
RR 1 BOX 59
SOUTH SHORE SD 57263

NOTICE

RE: Violation of Water Permit No(s) 4417-3, 5269-3 & 5271-3

Our records indicate that the 1991 Irrigation Questionnaire has not been submitted for Permit No(s) 4417-3, 5269-3 & 5271-3. The request for the Questionnaire was dated October 18, 1991. The Water Management Board has directed that owners of water permits who have not submitted the 1991 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing held by the Board will determine the action to be taken for violation of Water Permit No(s) 4417-3, 5269-3 & 5271-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 9:15 am, March 4, 1992, in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, Pierre SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to SDCL 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 4417-3, 5269-3 & 5271-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is(are) received in this office before the March 4th hearing date, you will no longer be in violation of your permit and your name will be deleted from the Board agenda.

Very truly yours,

Ron Duvall, Natural Resources Engineer IV
Water Rights Division
605 773-3352



5271-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 7, 1992

Warren Falk
RR #1 Box 59
South Shore, SD 57263

RE: Irrigation Questionnaires: 2477-3, 2827-3, 4180-3, 4184-3,
4417-3, 5269-3 and 5271-3

Dear Mr. Falk:

I am writing to acknowledge receipt of your 1991 irrigation questionnaires for Water Permit Nos. 2477-3, 2827-3, 4180-3, 4184-3, 4417-3, 5269-3 and 5271-3. You may disregard the January 27, 1992, Notice of failure to submit the 1991 irrigation questionnaire. The questionnaires were received prior to the Water Management Board meeting and your name was deleted from the agenda.

If you have any questions, please contact me at (605) 773-3352.

Sincerely,

Genny McMath
Natural Resources Analyst
Water Rights Division

cc: Ina Kahnke, 405 5th Ave NW, Watertown, SD 57201



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

NOV 12 1997

4417-3
5271A-3
5271B-3

Warren Falk
45384 154th St.
South Shore, SD 57263

Dear Mr. Falk:

Enclosed are Water License Nos. 5271A-3, 5271B-3 and Reissued Water License No. 4417-3.

Water Permit No. 5271-3, approved in 1989, authorized replacement of the 112' deep helper well authorized under Water Right No. 4417-3 irrigating the E½ of Section 15, T120N, R52W with a 58' deep well and the addition of a new well to supplement the irrigation system. The replacement well and the new well described in No. 5271-3 are from the Prairie Coteau Aquifer and the Big Sioux North Aquifer. No. 5271-3 was divided and reissued to separate the two water sources.

Water License No. 4417-3 was reissued to delete the land and diversion point located in the E½ Section 15, T120N, R52W. The irrigation system and the two wells supplying water to the E 1/2 Section 15 are now described in Water License Nos. 5271A-3 and 5271B-3.

As long as you use the water beneficially, as stated in the licenses, South Dakota Water Laws provide that you have a continuing right to the use of the water.

If you have any questions concerning the enclosed water licenses, please contact us.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

gm