

4239-3

1. Considered MARCH 28 19 78
2. Name of Applicant DUANE PANKRATZ
3. Post Office Address FREEMAN, S.D.
4. Amount of Water claimed NO ADD'L
5. Source of Water supply 31' & 23' DEEP WELLS
6. Water to be used for IRRIGATION
- Acres to be irrigated 463.00
7. Water to be diverted and used in BROOKINGS County
about 1 mile WEST of IRUKE
8. Proof of Publication Received 3-20-78
Not Received _____
9. Application Approved 3-28-79
Subject to WI
Not Approved _____
Action Deferred _____

10. Remarks:

ADDITIONAL WELLS ON PERMIT 58 2701-3

No. 4239-3Map No. 3460-3 Water Division No. 3 BIG SIOUX RIVER District _____
(Blanks to be Filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

ADDITIONAL WELLS
FOR PERMIT 2701-3

(NOTE--Draw a line through items not applicable)

1. Name of Applicant Duane Pankrat
Postoffice address Freeman, State South Dakota
If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract Direct Labor
3. Name of diversion work Pankratz Irrigation Project # 2
4. Amount of water claimed (cubic feet per second) No additional water - only two more wells
5. Source of water supply 2 additional wells
6. Location of point of diversion Well #4 - 264' N103°W of NE corner
Well #5 - 226' N115°W of NE corner
Sec 11-111-51 County Brookings
7. Annual period or periods during which water is to be used April through October
8. Use to be made of water. (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. For irrigation use, _____ Total number of acres to be irrigated 463 - same as original

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

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
<u>NE 1/4 Sec 11-111-51</u>	<u>151</u>		
<u>SE 1/4 " " " "</u>	<u>156</u>		
<u>SW 1/4 " " " "</u>	<u>156</u>		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system Five years. Additional time required to complete application of water to the proposed beneficial use one year.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Brookings Register
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source. 2 additional wells beyond that requested under permit # 2701-3

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

C. Works proposed to apply water to beneficial use. center pivot irrigation machine

Estimated Total Cost \$2600 additional

Attachments Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA

County of Brookings

I, John S. [Signature] the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction

Signed Duane PankratSubscribed and sworn to before me this 23 day of Feb, 1928

Notary Public (or other qualified officer)

Note this is request for additional wells - no added water or irrigated acreage requested.

this is per permit # 2701-3

WATER RIGHT APPLICATION APPROVAL.

The Water Rights Commission hereby approves Water Right Application No. 4239-3

DUANE PANKRATZ
(Applicant)

FREEMAN
(Post Office Address)

SOUTH DAKOTA 57029 With the following modifications.
(State)

The irrigation wells approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in irrigation wells having prior water rights.

Priority for this Permit No. 4239-3 is established by Permit No. 2701-3.

Date of first receipt of application February 27 19 78
Date of return to applicant for correction, amendments or changes required February 27 19 78
Date of receipt of corrected application March 2 19 78
Approved March 28 19 79, Recorded in Book 20 Page 271

WATER RIGHT PERMIT NO. 4239-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4239-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is APRIL 14 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before September 28 19 81
3. The whole of said work is to be completed on or before March 28 19 84
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is March 28 19 85
5. The water appropriated shall be used for the purpose of Irrigation
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed no additional cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before March 28 19 85; said water to be used during the following described annual period: April through October

Witness my hand this 9th day of April 19 79

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer John Hatch

Certificate of Construction Issued _____, 19 _____

Water License Issued _____, 19 _____

ED H. LACEY & SONS

P. O. Box 796
TRENT, SO. DAK. 57065
Phone 605-428-5686

INVOICE

NO. 1489

DATE _____ 19__

CUSTOMER'S
ORDER NO. _____

SOLD TO Red-Flat
Duane PanKratz
Freeman S.D.

SHIP TO _____

SOLD BY	CASH	C. O. D.	CHARGE	ON ACCT.	MDSE. RETD.	PAID OUT	
QUAN.	DE	DESCRIPTION	PRICE	AMOUNT			
0-1/2		Sandy Topsoil	0-1/2 Sandy Topsoil				
1/2-3		Gravel	1/2-6 Gravel				
3-8		Coarse Sand	6-14 Coarse Brown Sand				
8-13		Coarse Sand Rocky	14-23 Very Clean Washed Gravel				
13-23		Grey open sand	6'-static				
6'		static					

ALL claims and returned goods MUST be accompanied by this bill.



Received by _____

ORIGINAL

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

D. Well Information or Estimates

(1) Drill Hole, Diameter 28", Depth well 124 - 31' 1"
 (2) Casing, Type Steel, Diameter 16", Thickness 3/16"
 (wood, concrete, steel, etc)
 (3) Perforated Screen.
 Type Johnson, Diameter 16", Length 10'
 (4) Gravel Pack, Thickness 5", Length of gravel pack entire length

E. Dugout Information or Estimates.

(1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout.

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

Character of Water bearing materials See enclosed log

Depth to top of water bearing material 6'

Depth to bottom of water bearing material well 124 - 31' 1"

Thickness of water bearing material well 124 - 25'
well 125 - 13'

Depth to water (ground surface to water level) 6' in both

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

On same owner's property well 124 - 160 rds. On property owned by well 125 - 170 rds.

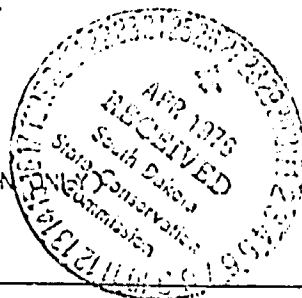
G. Water Storage Dams.

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

Diane Panitz
 Signature of Applicant

By QXPahl

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION)



NAME Diane Parke
ADDRESS Freeman South Dakota
COUNTY Lincoln Brookings County

COPY FROM
W/R 2701-3

LEGAL DESCRIPTION

1. WELL LOCATION Three wells - Section 2 on river side
2. LOCATION OF AREA TO BE IRRIGATED S² and NE⁴ of Sec 11 - 111 - 51
Note - there is a water sample analysis for each of the three wells

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____
4. CROPS TO BE IRRIGATED Corn & Alfalfa

WATER QUALITY

- | SAMPLE NUMBER | 76-339 | 76-340 | 76-341 |
|------------------------------------|------------|------------|------------|
| SALINITY (EC X 10 ⁶) | 623 (med) | 624 (med) | 631 (med) |
| SODIUM (SAR) | 0.35 (low) | 0.35 (low) | 0.36 (low) |
| RESIDUAL SODIUM CARBONATE (meq/l.) | 0 | 0 | 0 |

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and:
the soils information has been acquired from _____ Conservation District,
County Extension office or Soil Conservation Service.
and:
that the legal description for the location of the well and land to be irrigated is true
and correct.

APPLICANT'S SIGNATURE

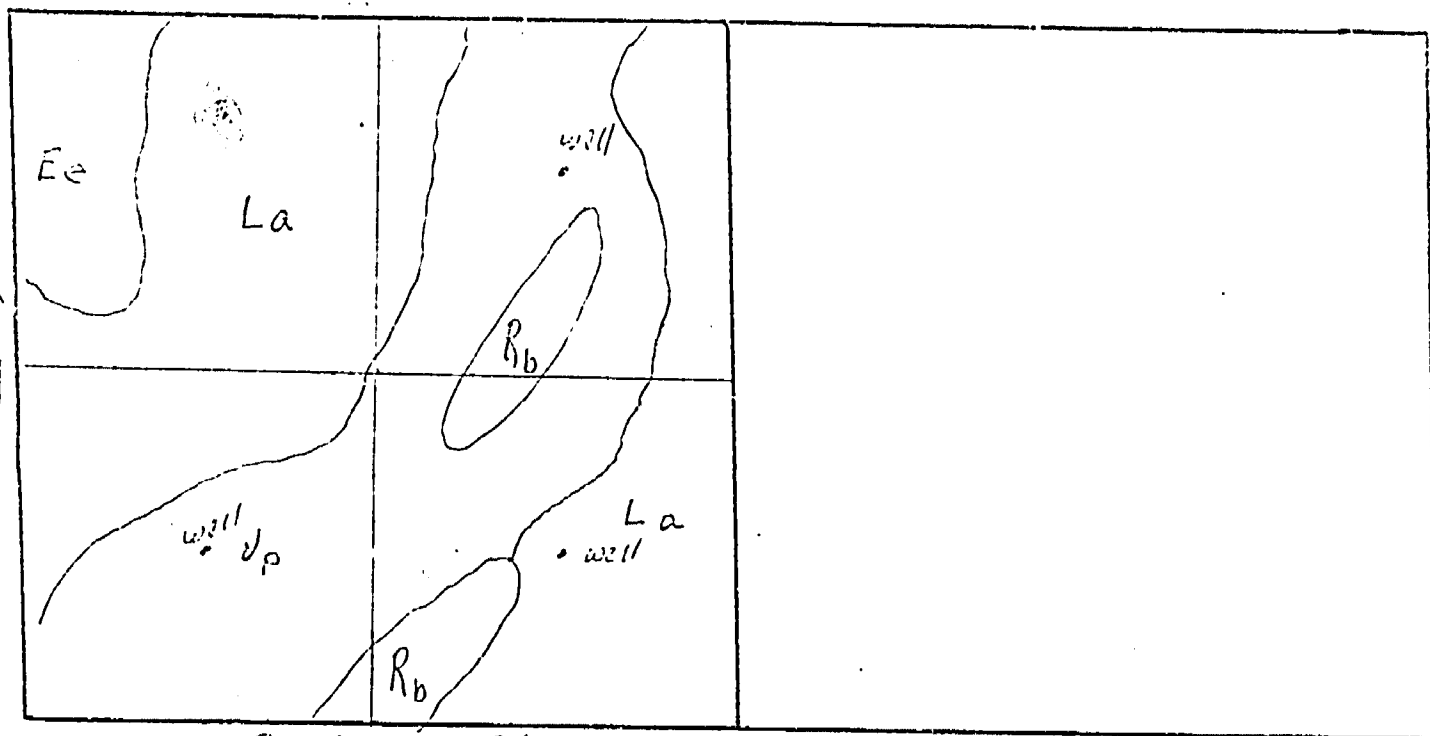
SUBSCRIBED AND SWORN BEFORE ME THIS
13 DAY OF April 1976.

(TITLE OR SEAL)

APPROVED/DISAPPROVED

(SOILS INFORMATION ON REVERSE SIDE)

1 Mile



see III-51

NARRATIVE

Ee Estelline Silt loam nearly level

La La more silty clay loam nearly level

Rb - Renshaw sandy loam - nearly level

Up - Volga silty clay loam

Note: there is a water sample analysis for each of the three wells.

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

Submitted by: Burns Irrigation
Address: Brookings, SD 57029

Date Rec'd: April 13, 1976
Sample No.: 70-351
Identification: 011-401
Box, Sec. 11, T 111N, R 51E

WATER ANALYSIS

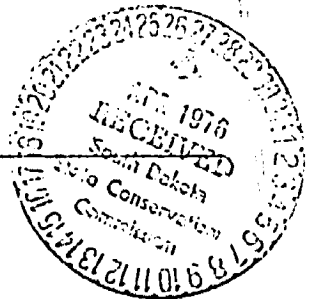
Calcium (Ca)	86	ppm*	4.30	me/l**
Magnesium (Mg)	33	ppm	2.71	me/l
Sodium (Na)	15	ppm	0.67	me/l
Potassium (K)	2	ppm	0.09	me/l
Sulfate (SO ₄)	90	ppm	1.87	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	2	ppm	0.07	me/l
Bicarbonate (HCO ₃)	325	ppm	5.32	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	266	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	634	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.36			
Sodium	8.86	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.40			

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 7.73 me/l
Total anions 7.20 me/l



By: Shirley J. Linton

Service Performed	Amount Due
Irrigation analysis	\$0.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 70-351

Amount Enclosed \$

Signed

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

Submitted by: James Probst
Address: Brookings, SD 57029

Date Rec'd: April 13, 1976
Sample No. 76-340
Identification 1011-40*
NE, Sec. 11, T 111N, R 51W

WATER ANALYSIS

Calcium (Ca)	86	ppm*	4.30	me/l**
Magnesium (Mg)	34	ppm	2.83	me/l
Sodium (Na)	15	ppm	0.67	me/l
Potassium (K)	2	ppm	0.05	me/l
Sulfate (SO ₄)	86	ppm	1.79	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	2	ppm	0.06	me/l
Bicarbonate (HCO ₃)	334	ppm	5.43	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	274	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	634	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.35			
Sodium	8.48	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.08			

Others:
*ppm=parts per million
**me/l=millequivalents per liter

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

COMMENTS: Total cations 7.90 me/l
Total anions 7.23 me/l



By: Shirley Mitten

Service Performed	Amount Due
Irrigation analysis	8.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-340

Amount Enclosed \$

Signed

NATIONAL SYSTEM
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57006

Submitted by: Theresa L. Lutz
Address: Brooklyn, SD 57029

Date Rec'd: April 13, 1976
Sample No.: 76-339
Identification: Well-40
Box 11, T 111N, R 11W

WATER ANALYSIS

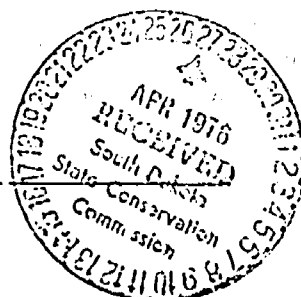
Calcium (Ca)	84	ppm*	4.20	me/l**
Magnesium (Mg)	33	ppm	2.71	me/l
Sodium (Na)	15	ppm	0.65	me/l
Potassium (K)	2	ppm	0.06	me/l
Sulfate (SO ₄)	68	ppm	1.83	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	2	ppm	0.07	me/l
Bicarbonate (HCO ₃)	322	ppm	5.28	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	254	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	623	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.35			
Sodium	8.53	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.72			

Others:

*ppm=parts per million

**me/l=millequivalents per liter

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



COMMENTS: Total cations 7.62 me/l
Total anions 7.38 me/l

By: Shirley M. Lutz

Service Performed	Amount Due
Irrigation analysis	\$8.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-339

Amount Enclosed \$

Signed

Publish first publication, on or before March 10, 1978

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

March 2, 1978

Notice is hereby given that Duane Pankratz whose post office

address is Freeman, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-8; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-41, 46-6-3, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use no add'l cubic feet of water per second of time from groundwater (two wells) through the Pankratz Project # 2, the point of diversion of which is to be located in the NW 1 NE 1

of Section 11, Twp. 11N Range 51W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

E 1/2 and SW 1/4, Section 11-T11N-R51W

This Application No. 4239-3 will be considered by the Water Rights Commission at

at The West House, Water town SD upon the 28th day of March, 1978 at 10 A.M. The Commission is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission in writing prior to the hearing or orally at the hearing.

NOTE: The final proof of publication must be received before the hearing date for the Commission to take action.

WATER RIGHTS COMMISSION

Dorothy Westlund
Water Rights Specialist

cc: Duane Pankratz
Freeman SD 57029

Affidavit of Publication

State of South Dakota

SS

County of Brookings

Dennis D. Koenders

of said county, being first duly sworn, on oath, says: That he is one of the editors of THE BROOKINGS REGISTER, a daily newspaper, printed and published in the City of Brookings, in said County of Brookings, and State of South Dakota; that he has full and personal knowledge of the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies of each issue daily; that said newspaper has been published within the said County of Brookings and State of South Dakota, for more than one year next prior to the first publication of Exhibit "A," hereto attached and herein mentioned, and was and is printed in the office maintained at said place of publication; and that the

Legal No. 109

a printed copy of which, taken from the paper in which the same was published, is hereto attached marked Exhibit "A," and is made a part

of this affidavit, was published in said newspaper for Two

successive week...S, to-wit:

March 10	1978	19	19
March 17	1978	19	19
		19	19
		19	19

That the full amount of the fee charged for the publication of said Exhibit "A" inures to the sole benefit of the publishers of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are:

Sixteen dollars and fourteen cents Dollars

Subscribed and sworn to before me this 17th day of

March 1978

Notary Public in and for the County of Brookings, South Dakota.

My Commission expires September 1985

Exhibit "A"

Legal No. 109, March 17, 1978

NOTICE OF HEARING ON APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501
Notice is hereby given that Duane Pankratz whose post office address is Freeman, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-4, 46-2-1 thru 46-2-13, 46-5-1 thru 46-5-4, 46-5-10 thru 46-5-22, 46-5-41, 46-6-3, 46-6-5, 46-6-6, 46-6-10, 46-6-14 and Commission Rules ARSD 82:01:01:01 thru 82:01:01:13, for a permit to appropriate for beneficial use not to exceed cubic feet of water per second of time from groundwater (two wells) through the Pankratz Project No. 2; the points of diversion of which are to be located in the NW 1/4 NE 1/4 of Section 11, Twp. 11N Range 51W. Said water to be used for the purpose of providing irrigation on portions of the following described land: E 1/2 and SW 1/4 Section 11-T11N-R51W. This Application No. 4239-3 will be considered by the Water Rights Commission at The Guest House, Watertown SD upon the 28th day of March, 1978 at 10 A.M. The Commission is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 46-1-2, may notify the Commission in writing prior to the hearing or orally at the hearing. WATER RIGHTS COMMISSION
Betty Weiland
Water Rights Specialist





Department of Natural Resource Development

WATER RIGHTS COMMISSION
Joe Foss Building, Pierre, South Dakota 57501
Phone 605/773-3151

March 14, 1979

TO: Holders of Deferred Applications in Brookings, Hamlin and Deuel Counties
FROM: John Hatch, Chief Engineer, Water Rights Commission
SUBJECT: Reconsideration of Deferred Applications

The Water Rights Commission will reconsider deferred water right applications in Brookings, Hamlin and Deuel Counties at 1:45 p.m. on March 28, 1979, at the Community Room of the Pierre City Hall, 222 East Dakota Ave, Pierre, South Dakota.

This reconsideration hearing will be conducted in accordance with the provisions of SDCL 46-1-1 thru 46-1-9; 46-1-14; 46-2-9 thru 46-2-11; 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22; 46-5-41; 46-5-53; 46-6-5; 46-6-6.1; 46-6-10; 46-6-3.1; 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13.

These applications were deferred by the Water Rights Commission in 1977 and 1978, pending Staff investigation. Data from the computer model are not complete at this time, the Commission Staff may recommend deferral on some of the applications until this data is obtained.

After reconsideration of the deferred applications the Commission can approve, conditionally approve, defer, or deny all or part of the Application.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Commission may be appealed to the Courts as provided by law.

Very truly yours,

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Commission

JH:kjw

Chief of Well No. 5 1/2

25

2701-3 Deane Property

5-10-78 West Well. only Machine

Depth

To Well

Capacity

Pump

Motor D.E.

HP

150 HP

Model 2X67378 M 3018 Ser # 110811274

Pump Machine Ford Roller

Ser # C761175 - Head 6 M 710 CM 6 3/4

6" pipe for pump

Well 2-50 ft. hole of 1 1/2 in.

East Well 130' 5" 550' E of West Well

Depth

To Well

Capacity

Pump

Motor

G.E.

HP

Model 2X67378 M 3018 Ser # 110811328

Pump Machine Ford Roller Ser # C761176

Head 6 M 710 CM 6 3/4

Dr. S. S. S. S. S.

Note: The new ground between the two
pools cannot be used as a replacement.
This is except on old foundation and.

2701-3 Dune Surf City N1/2

3-10-77 North well. 34" 600' 29 1958

25' E of road 117 line

Motor 415.92 30 HP. 1750 RPM

F.P. # A-2931-02-025 R 2104159

Pump: Western Land Well.

S. # C 76119 8 Prod. # 6 M 61000144

Well #3 200 S + 300 E of road

Motor 61 40 HP 1750 RPM

Motor 91.62528 H 501 E S. # JH0715324

Pump: Western Land Well.

S. # C 76119 7 Motor 6 M 7100 M

C.P. Electropole

Well #3 = 525 ppm

" " = 225 ppm

25 ft. pipe water

Septane vol. of 850 ppm

Well #1 - 125 ppm well pump

" " 2 - 125 ppm well pump

25 ft. pipe water



Department of Water & Natural Resources

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

2701A-3

APR 25 1990

Duane C. Pankratz
RR #3 Box 36
Freeman SD 57029

Dear Mr. Pankratz:

Enclosed is Water License No. 2701A-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 411810 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 wells authorized by Water Right No. 2701A-3, constructs replacement wells and does not plan to use the old wells, then the old wells will be 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

NOTE: The applicable portions of Water Permit Nos. 2559-3, 2559A-3, 4239-3 and 2701-3 are incorporated into this Water License No. 2701A-3. Priority dates as they pertain to the land irrigated are described in (3) of this License.

Points of Diversion: Well # 4

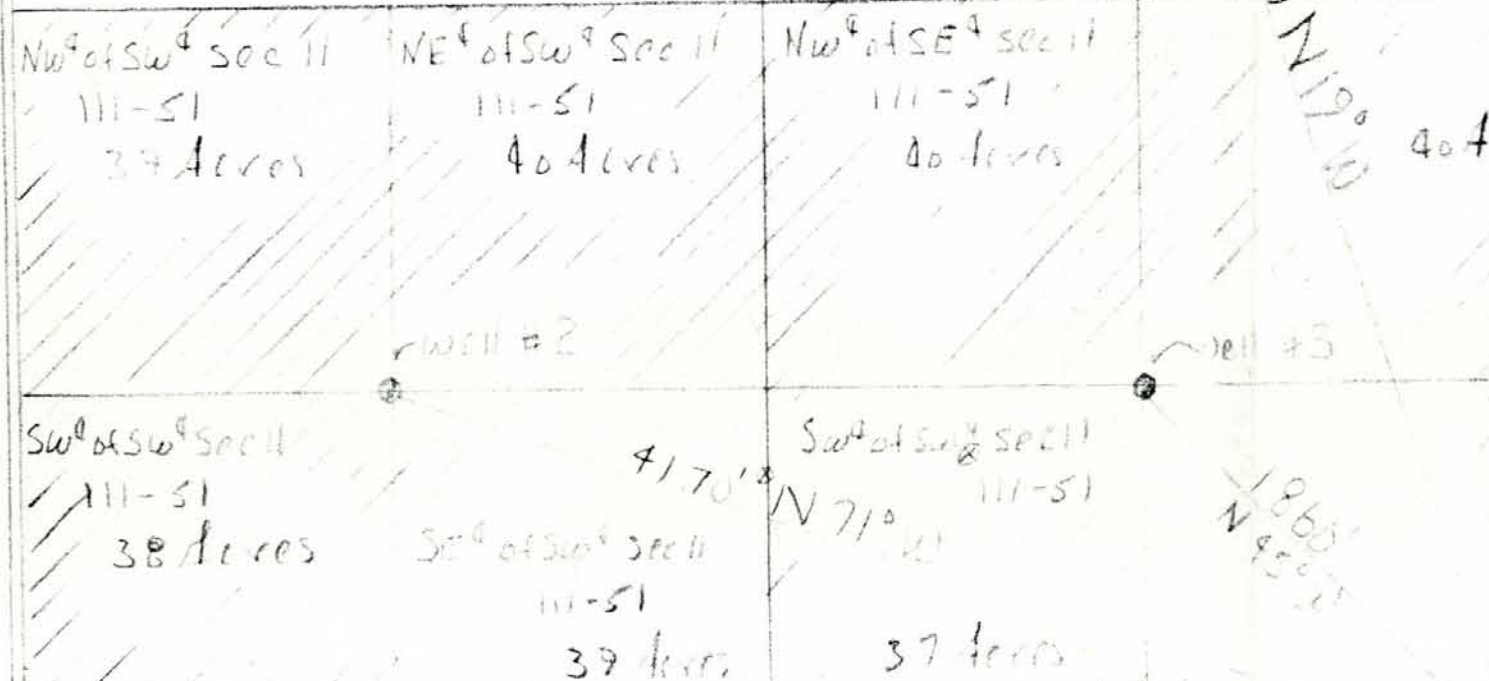
#1 - 4170' N 19° N of SE corner

#2 - 4170' N 71° N of SE corner

#3 - 1860' N 45° N of SE corner

All of Section 11-111-51

Scale - 8" = 1 Mile



DUANE PANKRATZ

Irrigation Project # 2

Freeman South Dakota

Land in Brookings County

Acreage Irrigated - 463

Water claimed 6.6 cfs

Request for permit = 465

on permit = 2701-3

2-23-76

Surveyor's Certificate

I, John L. Wiernsma, do hereby certify that this map is a true and correct record of the land.

Duane Pankratz

Freeman

Land in

4-13-76

South Dakota

Brookings County

Drawing by SD

P.E. 10-10

Brookings SD

John L. Wiernsma

MAP # 3460-3

APPL # 4239-3