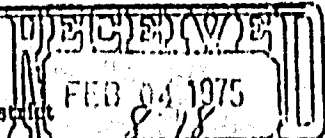


No. 1253-2

Water Division No. 2 LITTLE WHITE RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)



STATE WATER RIGHTS COMM.
SOUTH DAKOTA

APPLICATION FOR PERMIT

To appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable.)

1. Name of applicant DANIEL VAVRA
Postoffice address CROOKSTON, County TODD, State NEB 69212

I. If a corporation

- (a) Name of same
- (b) Date and place of incorporation
- (c) Amount of capital stock
- (d) Amount paid in
- (e) Names and addresses of directors

(NOTE—A certified copy of articles of incorporation must accompany the application.)

II. Method of accomplishing the work and financial resources of the applicant:

(a) Method of accomplishing work (Whether by contract, employment of others, or by direct labor)

DIRECT LABOR

- (b) Cash on hand, \$
- (c) Treasury stock, \$
- (d) Bonds to be issued, \$
- (e) Other resources, \$ 250,000

2. Name of diversion work VAVRA IRRIGATION

3. Amount of water claimed 10 CFS cubic feet per second

4. Source of water supply WELLS AT THE CENTER OF NE 1/4 SEC 21, NE 1/4 SEC 27, SW 1/4 SECTION 15, NW 1/4 SEC 22,

5. Location of point of diversion SEE ATCH FORM W-1-K-1

AND CENTER OF NW 1/4 SEC 16, ALL IN T37N, R24W on bank TODD County.

6. Annual period or periods during which water is to be used MAY THRU SEP

7. used for:

I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? C-T?

(a) Number of acres to be irrigated 700 acres. NE 1/4 SEC 21 - 140 AC.
NE 1/4 SEC 17 - 140 AC.
SW 1/4 SEC 15 - 140 AC.
MAP NW 1/4 SEC 22 - 140 AC.

(b) Legal subdivisions to be irrigated SEE ATCH
(NOTE—A list of lands to be irrigated, giving each subdivision and fraction with acreage thereof, should be written here, or may be appended as a part of this application. Same must also be shown on accompanying map.)

(c) Statement as to domestic use (giving location, etc.) NE 1/4 SEC 16 - 70
SW 1/4 SEC 16 - 70
ALL IN T37N, R24W

II. Stockwatering, mining, milling, power, fish culture, fire protection and public recreation:

(a) Nature of use Name any of the above uses claimed

(b) Amount of power to be generated horse power.

Amount claimed for engine cooling

(c) Location of plant

(d) Method of developing power

(e) Point where water will be returned to stream

MAP NO 1060-2

8. Estimated cost of work:

(a) Head Gates, \$..... (b) Pumping plant, \$.....
 (c) Fluming, \$..... (d) Canal earth, \$..... Rock, \$.....
 (e) Other structures C-P 2, 41/2 M \$ 250,000.00 Total, \$.....

9. Description of diversion works:

I. Nature of works: (Reservoir, dam, ditch, flume, pumping plant, etc.)

II. Dimensions of works.

(a) Dam: Height.....feet; length at bottom.....feet; length at top.....feet; thickness at bottom.....feet; thickness at top.....feet; slope at front water face.....; slope at back face.....
 material used in construction.....
 (b) Reservoir: Capacity when filled.....acre feet. Surface area at highwater mark.....acres.

DEPTH AT OUTLET-Feet	SURFACE AREA AT EACH DEPTH AT OUTLET—ACRES	FEET	ACRE-Feet CAPACITY

(c)* Head gate: Width.....feet; height.....feet;
 Material.....

(d) Canal: Total length.....miles.

LOCATION BELOW HEADGATE	DEPTH	BOTTOM WIDTH	WIDTH AT WATER-LINE	GRADE PER MILE
At.....Mile	feet	feet	feet	feet
At.....Mile	feet	feet	feet	feet
At.....Mile	feet	feet	feet	feet
At.....Mile	feet	feet	feet	feet
At.....Mile	feet	feet	feet	feet
At.....Mile	feet	feet	feet	feet

(Give dimensions where reductions in size are made.)

10. Time required for completion of work FIVE years.

11. Time required for complete application of water to the proposed beneficial use FIVE years.

12. Choice of newspaper for publication of notice of intention to appropriate TODD CO. TRIBUNE

STATE OF SOUTH DAKOTA

County of TODD ss.

I, DANIEL F. VAVRA, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of owner, that I have read the above foregoing statement, examined the map accompanying the same, and that I know of my own personal knowledge that the matters therein stated and shown are true.

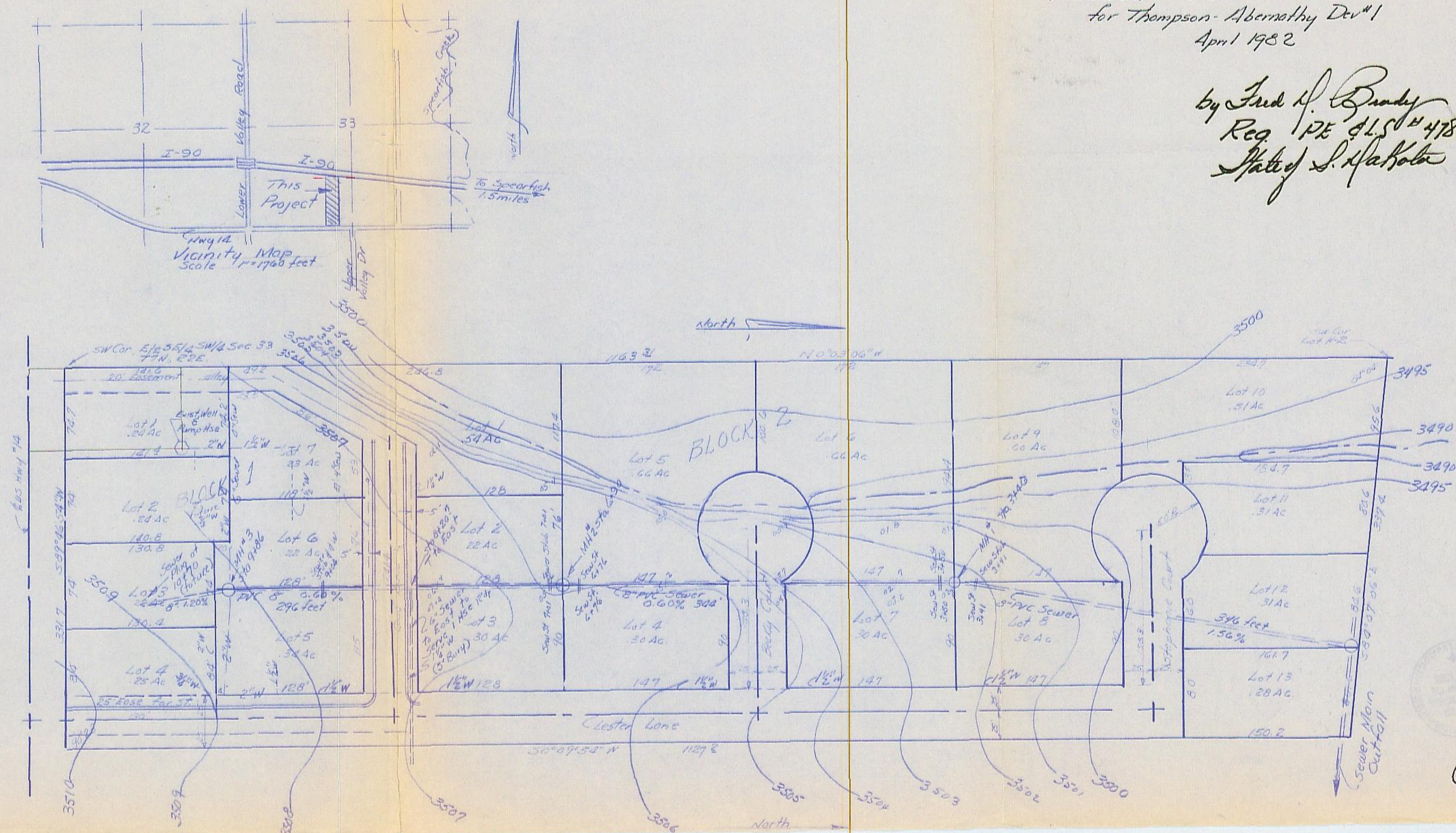
Signed Daniel Vavra

Subscribed and sworn to before me this 24th day of JANUARY 1975

Joseph Donald Boister
 Notary Public (or other qualified officer.)

*Each diversion must have a headgate or measuring device.

by Fred W. Brady
Reg. 175 \$1.50 #478
State of S. Dakota



PRELIMINARY PLAN MAP

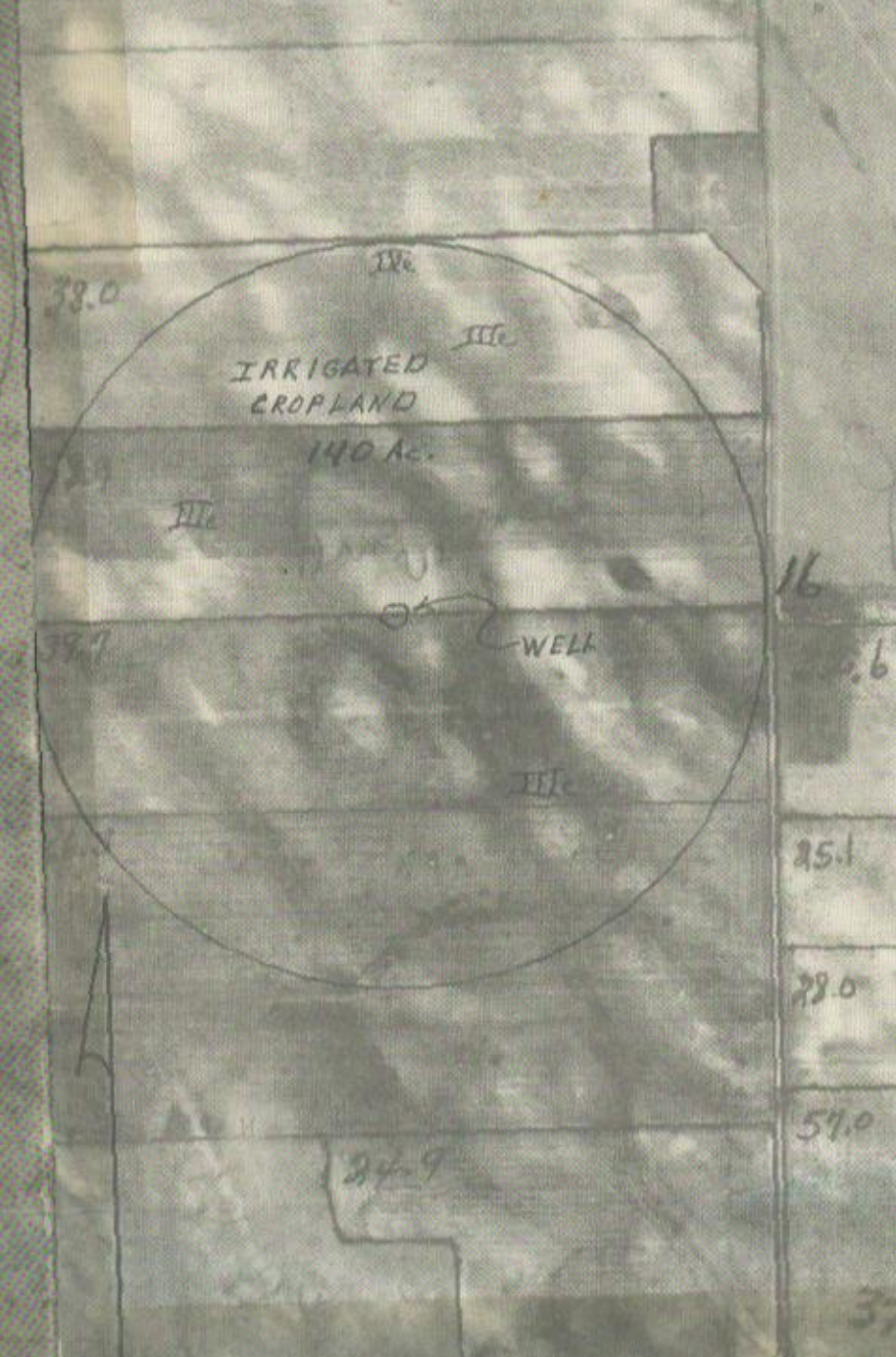
USDA Soil Conservation Service
Todd County Conservation District, Todd Co., So. Dak.
Cooperating with Danny Vavra

Map Scale 8" equals 1 mile

Date 1-28-75

Prepared by Howard P. Wagner
District Conservationist

Irrigation well to be located at the center of the
West half of Section 16.



PRELIMINARY PLAN MAP

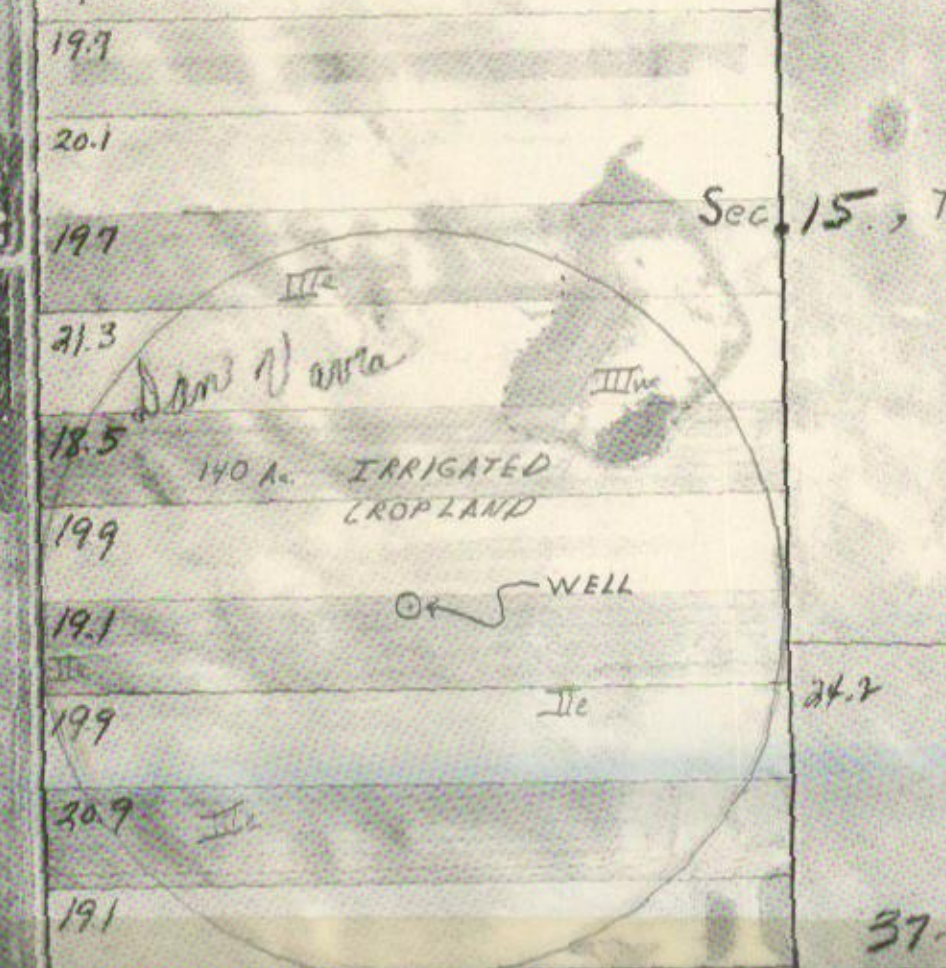
USDA Soil Conservation Service
Todd County Conservation District, Todd Co., So. Dak.
Cooperating with Danny Vavra.

Map Scale 8" equals 1 mile

Date: 1-28-75

Prepared by Howard P. Wagner
District Conservationist

Irrigation well to be located at center of section
quarter.



PRELIMINARY PLAN MAP

USDA Soil Conservation Service
Todd County Conservation District, Todd Co., So. Dak.
Cooperating with Danny Vavra

Map Scale 8" equals 1 mile

Date: 1-28-75

Prepared by Howard P. Wagner
District Conservationist

Irrigation well to be located at center of Section
quarters.



PRELIMINARY PLAN MAP

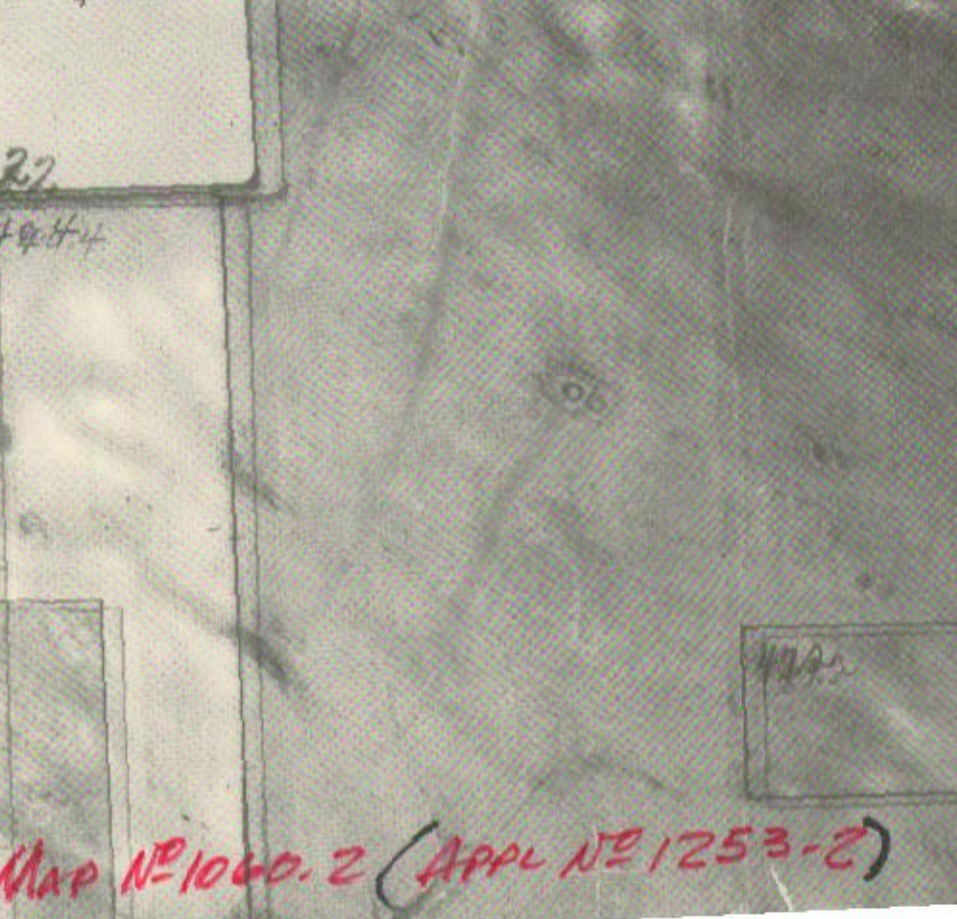
USDA Soil Conservation Service
Todd County Conservation District, Todd Co., So. Dak.
Cooperating with Danny Vavra.

Map Scale 8" equals 1 mile

Date: 1-28-75

Prepared by Howard P. Wagner
District Conservationist

Irrigation well to be located at center of section
quarter.



PRELIMINARY PLAN MAP

USDA Soil Conservation Service
Todd County Conservation District, Todd Co., So. Dak.
Cooperating with Danny Vavra

Map Scale 8" equals 1 mile

Date: 1-28-75

Prepared by Howard P. Wagner
District Conservationist

Irrigation well to be located at center of Section
quarter.



MAP NO 1060.2 (APPAL NO 1253-2)

RIGHTS
Remarks by State Water Resources Commission:

----- The irrigation wells approved under this Permit ¹⁵⁵ located near domestic wells which may obtain water from the same aquifer.
----- The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in existing domestic wells.

STATE OF SOUTH DAKOTA
County of HICKES } ss.

Pierre, South Dakota, MAY 23, 1975

This is to certify that the foregoing application was received by the Commission at 8:18 o'clock
9 a.m. upon the 4TH day of FEBRUARY, 1975

State Water Resources Commission

By:

Arthur J. Jones
for Chief Engineer, Executive Officer

Number of permit 1253-2

Date of first receipt of application FEBRUARY 4, 1975

Date of return to applicant for correction, amendments or changes required as follows: _____, 19____

Date of receipt of corrected application MARCH 18, 1975

Date from which applicant may claim right FEBRUARY 4, 1975

Approved MAY 22, 1975, Recorded in Book 13 Page 263

This is to certify that we have examined the foregoing application for a permit to appropriate water of the State of South Dakota, and we hereby grant the same as stated herein, subject, however, to the following limitations and conditions:

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or before _____

NOVEMBER 22, 1977

2nd. The whole of said work is to be completed on or before MAY 22, 1980

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is

MAY 22, 1980

4th. The water appropriated shall be used for the purpose of IRRIGATION

5th. 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.

6th. The amount of the appropriation herein granted shall not exceed 10.0 cubic feet per second; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry; and further, said appropriation must 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 MAY 22, 1980, said water to be used during the following described annual period:

MAY THRU SEPTEMBER

Witness my hand this 23RD day of MAY, 1975

State Water ^{RIGHTS} ~~Resources~~ Commission

By:

Wm W. Butler
Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

MAR 11 1975

March 11, 1975

Daniel E. Vavera
Crookston, Nebraska 69212

Dear Mr. Vavera:

I have received your reply dated March 5 to my letter written February 28 concerning the identity of your five WI-1 forms and specifically the water which is to be used on each of those proposals. The original water analysis was sent to you earlier and I am enclosing herewith a copy of Extension Circular 654 with the approximate quality of your water for irrigation purposes designated by an encircled red cross on the outside back cover. You will see that it is quite good irrigation water.

I have conferred with Mr. Vern Butler of the Department of Natural Resources Development in Pierre and we concluded that you would not need to send additional water samples for the other four wells you propose to develop. This is because the character of that aquifer and the quality of the water it yields is quite well established and known. Therefore I am enclosing the WI-1 form along with a copy of this letter and a copy of the water analysis to the State Conservation Commission in Pierre and I recommend herewith that your water use permit be granted.

There is no reason why this water should cause any difficulty with the soil either in salt accumulation or in sodium difficulties. I wish you the best of success in your irrigation project.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:MRB

Enclosures

cc: State Conservation Commission
Kenneth Stephens, Todd County Agent
Darrel Pahl

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

Submitted by: Daniel E. Mavera Date Rec'd February 4, 1975
 Address: Brookston, Nebraska Sample No. 75-063
69212 Identification _____

WATER ANALYSIS

Calcium (Ca)	68	ppm*	3.40	me/l**
Magnesium (Mg)	11	ppm	0.90	me/l
Sodium (Na)	9	ppm	0.40	me/l
Potassium (K)	10	ppm	0.26	me/l
Sulfate (SO ₄)	3	ppm	0.06	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	7	ppm	0.19	me/l
Bicarbonate (HCO ₃)	212	ppm	3.48	me/l
Carbonate (CO ₃)	22	ppm	0.72	me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	174	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	36	ppm (as CaCO ₃)		
Electrical Conductivity	310	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.27			
Sodium	8.06	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	8.16			
Others:				

*ppm=parts per million

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

**me/l=milliequivalents per liter

COMMENTS: Total cations 4.96 me/l
 Total anions 4.75 me/l

By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	\$6.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 75-063

Amount Enclosed \$ _____

Signed _____

Conservation
Commission
Form WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: ACCA 1/15/55

Disapproved: _____

NAME: DANIEL VAVRA

ADDRESS: CROOKSTON NEB 69212

COUNTY: TADD

LEGAL DESCRIPTION

- * 1. WELL LOCATION: NE⁴ Sec 17 T37N R27W
2. AREA TO BE IRRIGATED: 140 Ac

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): SPRINKLER
4. CROPS TO BE IRRIGATED: CORN - WHEAT

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0-5
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Tt. Tt.

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 75-063 (from NE⁴ 21 T37 R29)
8. SALINITY: EC = 310
9. SODIUM: SAR = 0.27

* center of quarter

*Farmer states it will
pump from same formation*

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

the land capability for irrigation information has been acquired from

The Todd County Conservation District.

and:

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

Daniel Sarno

Subscribed and sworn before me this

24th day of JANUARY 1975.

Joseph Donald Bristow

Notary Public

(Title)

RECEIVED
JAN 28 1975

Conservation
Commission
Form WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: 3/12/25

Disapproved: _____

NAME: DANIEL VAVRA

ADDRESS: CROOKSTON NEB. 69212

COUNTY: TODD

LEGAL DESCRIPTION

- * 1. WELL LOCATION: SW⁴ of Sec 15 T37N R29W
2. AREA TO BE IRRIGATED: 140 Ac.

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): SPRINKLER
4. CROPS TO BE IRRIGATED: CORN - WHEAT

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0-5
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: TL TL TL

WATER QUALITY (TO BE COMPLETED BY COMMISSION) *Farmer states all well pump from same formation*

7. SAMPLE NO.: 75-063 (from NE 1/4 21 T37 R 29)
8. SALINITY: EC = 310
9. SODIUM: SAR = 0.27

* CENTER of quarter

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

the land capability for irrigation information has been acquired from
The Todd County Conservation District

and:

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

Daniel Sauer

Subscribed and sworn before me this

24th day of JANUARY 1975.

Joseph Norval Krister

Notary Public

(Title)

JAN 18 1975

Conservation
Commission
Form WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SECL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: 3/17/75

Disapproved: _____

NAME: DANIEL VAVRA

ADDRESS: CROOKSTON NEAR 69212

COUNTY: TODD

LEGAL DESCRIPTION

1. WELL LOCATION: Center of W $\frac{1}{2}$ Sec. 16 T37N R29W
2. AREA TO BE IRRIGATED: 140 Ac.

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): SPRINKLER
4. CROPS TO BE IRRIGATED: CORN - WHEAT -

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0 - 6
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: IIIc IIIc

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 75-063 (from NE $\frac{1}{4}$ 21 T37 R29)
8. SALINITY: EC = 310
9. SODIUM: SAR = 0.27

Farmer states all well
pump from same formation

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

the land capability for irrigation information has been acquired from

The Todd County Conservation District

and:

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

David E. Samson

Subscribed and sworn before me this

24th day of JANUARY 1975.

Joseph Donald Britton

Notary Public

(Title)

Conservation
Commission
Form WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: 3/12/25

Disapproved: _____

NAME: DANIEL VAUGHN
ADDRESS: CROOKSTON NEB 69212
COUNTY: TERRA

LEGAL DESCRIPTION

1. WELL LOCATION: NW 1/4 Sec 22 T32N R28W
2. AREA TO BE IRRIGATED: 140 Ac

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): SPRINKLER
4. CROPS TO BE IRRIGATED: WHEAT - CORN -

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0 - 2
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: II2 III2

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: Sam
8. SALINITY: "
9. SODIUM: "

* Center of quarter

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

the land capability for irrigation information has been acquired from

the Todd County Conservation District

and:

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

David Vavra

Subscribed and sworn before me this

24th day of JANUARY 1975.

Joseph Donald Brister

Notary Public

(Title)

Conservation
Commission
Form ME #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: ALB S. J. J.

Disapproved: _____

NAME: DANIEL VAVRA

ADDRESS: CROOKSTON NEBR 69212

COUNTY: TODD

LEGAL DESCRIPTION

- * 1. WELL LOCATION: NE⁴ of Sec. 21 T37N R29W
2. AREA TO BE IRRIGATED: 140

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): SPRINKLER
4. CROPS TO BE IRRIGATED: CORN - WHEAT

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0 - 4
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: I and IIc

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 75-063
8. SALINITY: 310 micromhos/cm (low-medium)
9. SODIUM: SAR = 0.27 (low)

* center of quarter

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

the land capability for irrigation information has been acquired from

The Todd County Conservation District

and:

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

David L. Loefer

Subscribed and sworn before me this

24th day of JANUARY 1975.

Joseph Donald Bristow

Notary Public

(Title)

Conservation
Commission
Form WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soil's Capability: _____

Approved: [Signature]

Disapproved: _____

NAME: DANIEL VAVKA

ADDRESS: CROOKSTON NEB 69212

COUNTY: TODD

LEGAL DESCRIPTION

1. WELL LOCATION: NE 4 Sec 17 T37N R29W

2. AREA TO BE IRRIGATED: 140 AC

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): Sprinkler

4. CROPS TO BE IRRIGATED: CORN - WHEAT

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0-5

6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: He He

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: _____

8. SALINITY: _____

9. SODIUM: _____

NE CENTER OF QUARTER

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

the land capability for irrigation information has been acquired from

THE Todd County Conservation District
and:

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

David Sauer

Subscribed and sworn before me this

24th day of JANUARY 1975.

Joseph Donald Brister

Notary Public

(Title)

Conservation
Commission
Form WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SECL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: Albert J. [Signature]

Disapproved: _____

NAME: DANIEL VAKKH

ADDRESS: CROOKSTON NEB 69212

COUNTY: TODD

LEGAL DESCRIPTION

1. WELL LOCATION: SW 4 SEC 15 T 32 N R 29 W
2. AREA TO BE IRRIGATED: 140 AC

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): SPRINKLER
4. CROPS TO BE IRRIGATED: CORN - WHEAT -

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: _____
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: _____

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: _____

8. SALINITY: _____

9. SODIUM: _____

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

the land capability for irrigation information has been acquired from

THE TODD COUNTY CONSERVATION DISTRICT

and:

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

David Jara

Subscribed and sworn before me this

24th day of JANUARY 19 75.

Joseph Donald Bristow

Notary Public

(Title)

APR 1975

Conservation
Commission
Form WL 21

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: ALBA R. JONES

Disapproved: _____

NAME: DANIEL VAVRA
ADDRESS: CROOKSTON NEB 69212
COUNTY: F. DD

LEGAL DESCRIPTION

1. WELL LOCATION: CENTER OF NW 1/4 SEC 16 T37N R27W
2. AREA TO BE IRRIGATED: 140 AC

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): SPRINKLER
4. CROPS TO BE IRRIGATED: CORN - WHEAT -

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0-6
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: HE LITE

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: _____
8. SALINITY: _____
9. SODIUM: _____

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

the land capability for irrigation information has been acquired from

THE TODD COUNTY CONSERVATION DISTRICT,

and:

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

Samuel E. Sarna.

Subscribed and sworn before me this

24th day of JANUARY 1975.

Joseph Donald Bristow

Notary Public

(Title)

Conservation
Commission
Form WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY
Irrigation System: _____
Water Quality: _____
Soils Capability: _____
Approved: 10/18/25
Disapproved: 3/12/25

NAME: DANIEL VARRA
ADDRESS: CROOKSTON NEBR 69212
COUNTY: TODD

LEGAL DESCRIPTION

- *1. WELL LOCATION: NW⁴ Sec 22 T37N R29W
2. AREA TO BE IRRIGATED: 140 AC.

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): SPRINKLER
4. CROPS TO BE IRRIGATED: WHEAT - CORN -

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0-6
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: IIIc IIIe

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 75-063 (from NE ¹/₄ 21 T37N R29W)
8. SALINITY: EC = 310 (low-med)
9. SODIUM: 2AR = 0.27 (low)

* center of quarter

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

the land capability for irrigation information has been acquired from

The Todd County Conservation District

and:

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

Daniel Vance

Subscribed and sworn before me this

24th day of JANUARY 1975.

Joseph Donald Brewster

Notary Public

(Title)

NOTARY PUBLIC
JAN 24 1975

Conservation
Commission
Form WL #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: AKA D. J. H.

Disapproved: _____
3/17/25

NAME: DANIEL VAVRA

ADDRESS: CROOKSTON NEB 68212

COUNTY: Todd

LEGAL DESCRIPTION

1. WELL LOCATION: NE⁴ OF SEC 21 T37N R29W
2. AREA TO BE IRRIGATED: 140 AC

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): Sprinkler
4. CROPS TO BE IRRIGATED: CORN - WHEAT -

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0-4
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: 1 and 2e

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: _____
8. SALINITY: _____
9. SODIUM: _____

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

the land capability for irrigation information has been acquired from

THE Todd County Conservation District

and:

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

Daniel E. Sauer

Subscribed and sworn before me this

24th day of JANUARY, 1975.

Joseph Donald Bruston

Notary Public

(Title)

Form 6 - Notice of Intent to Appropriate Water

1253-2

Publish first publication, on or before May 8, 1975

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

April 16, 1975

Notice is hereby given that Daniel Vavra
whose post office address is Crookston, Nebraska, ~~South Dakota~~, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
10.0 cubic feet of water per second of time from the ground water through the
Vavra Irrigation Project, the point^s of diversion of which^{are} to be located in the

Center of NE $\frac{1}{4}$, Section 21; NE $\frac{1}{4}$, Section 17, SW $\frac{1}{4}$, Section 15, NW $\frac{1}{4}$, Section 22,
and W $\frac{1}{2}$

of Section 16, Twp. 37N, Range 29W. Said water to be used for the purpose
of providing irrigation of ^{portions of} the following described land:

SW $\frac{1}{4}$, Section 15, N $\frac{1}{2}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, Section 16; NE $\frac{1}{4}$, Section 17, NE $\frac{1}{4}$,

Section 21, and NW $\frac{1}{4}$, Section 22, all in T37N, R29W

This application No. 1253-2 will be considered by the Water Resources Commission at their office at
Pierre upon the 21st day of May, 1975, at 2:30 P. M. All interested
persons may appear and be heard.

WATER RESOURCES COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

DFJ/tw

cc: Daniel Vavra, Crookston, Nebraska 69212

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Todd) ss.

I, Paula Balaman hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Todd Co. Tribune

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 Mission

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

Apr. 24

May 1, 1975

Paula Balaman
(Signature)

Bookkeeper
(Title)

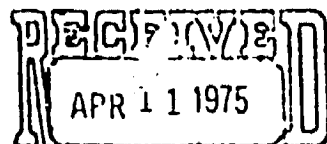
May 1, 1975
(Date Signed)

Notice of Intent to Appropriate Water

Notice is hereby given that Daniel Yavra whose post office address is Crookston, Nebraska, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 10.0 cubic feet of water per second of time from ground water through the Yavra Irrigation Project, the points of diversion of which are to be located in the center of NE 1/4, Section 21, NE 1/4, Section 17, SW 1/4, Section 15, NW 1/4, Section 22, and W 1/2 of Section 16, Twp. 37N, Range 29W. Said water to be used for the purpose of providing irrigation on the portions of the following described land: SW 1/4, Section 15, N 1/2 SW 1/4, S 1/2 NW 1/4, Section 16, NE 1/4, Section 17, NE 1/4, Section 21, and NW 1/4, Section 22, all in T37N, R29W. This application No. 1253-2 will be considered by the Water Resources Commission at their office at Pierre upon the 21st day of May, 1975 at 2:30 p.m. All interested persons may appear and be heard. Water Resources Commission By: Burton F. Jones Water Rights Specialist Publ. Apr. 24 & May 1.

RECEIVED
MAY 5 1975

STATE WATER RIGHTS COMM
PIERRE, SOUTH DAKOTA



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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 32", Depth 200'
- (2) Casing, Type Steel Diameter 16" Thickness .219"
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type Steel, Diameter 16", Length 100'
- (4) Gravel Pack, Thickness 8", Length of gravel pack 300'

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 Sands coarse & sandstone
Some medium sand

Depth to top of water bearing material 25'

Depth to bottom of water bearing material 125'

Thickness of water bearing material 200'

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

- (2) Distance to nearest existing household or livestock watering wells. Also See H&H MAP.

On same owner's property 180 rds. On property owned by others 70 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.

Donald E. Karna

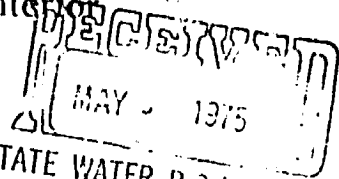
Signature of Applicant

Temp. 1253-2



United States Department of the Interior
OFFICE OF THE SOLICITOR

ROOM 211 - FEDERAL BUILDING
P.O. BOX 549
ABERDEEN, SOUTH DAKOTA 57101



STATE WATER RIGHTS
MAY 2 1975
PIERRE, SOUTH DAKOTA

Mr. Burton F. Jones
Water Rights Specialist
Water Rights Commission
Pierre, South Dakota 57501

Dear Mr. Jones:

The Area Director, Bureau of Indian Affairs, has advised that on May 21, 1975, at 2:30 p.m., a Hearing will be held in the office of the Water Rights Commission, at Pierre, South Dakota, on the application of Daniel Vavra, of Crookston, Nebraska, for a permit to appropriate for beneficial use 10.0 cubic feet of water per second of time from ground water, the points of diversion being the center of the NE $\frac{1}{4}$ Sec. 21; NE $\frac{1}{4}$ Sec. 17; SW $\frac{1}{4}$ Sec. 15; NW $\frac{1}{4}$ Sec. 22, and the W $\frac{1}{2}$ Sec. 16, all in T. 37 N., R. 29 W., for the purpose of irrigation.

This letter will serve as our written objection to such application for a permit to appropriate ground water from lands within the boundaries of the Rosebud Indian Reservation. The issuance of such permit would be contrary to established law, which declares that the State lacks jurisdiction with respect to the adjudication of the waters of, or the lands within, the exterior boundaries of an Indian Reservation. See 25 U.S.C.A., Sec. 381; Winters v. United States, 207 U.S. 564, 28 S.Ct. 207; United States v. Powers, 94 F.2d 783; United States v. McIntire, 101 F.2d 650; and United States v. Alexander, 131 F.2d 359.

In filing this objection to the issuance of such proposed permit and in writing this letter to you, we do not waive our right to challenge the State's jurisdiction by legal action or otherwise, and merely intend to call the State's attention to the fact that the State lacks jurisdiction in this matter.

Very truly yours,

Wallace G. Dunker
Wallace G. Dunker
Field Solicitor

cc: Office of the Area Director, Aberdeen
Superintendent, Rosebud Agency, Rosebud, South Dakota
Mr. Parnell Hagen, Area Soil Conservationist, BIA, Aberdeen, S.D.
Mr. Daniel Vavra, Crookston, Nebraska 69212

1253-2 & 1255-2

April 24, 1975

Harley D. Zephier
Acting Area Director
Bureau of Indian Affairs
115 4th Avenue S.E.
Aberdeen, South Dakota 57401

Dear Mr. Zephier:

Enclosed is a copy of the Notice of Intent to Appropriate Water for Daniel Vavra (Application No. 1253-2) and for Arnold, Dale and Dallas Lafferty (Application No. 1255-2). Lands covered under both applications are within the exterior boundaries of Indian Reservations.

Sincerely,

BURTON F. JONES
Water Rights Specialist

BFJ/bv
Encl: as stated

147.8

IRRIGATED
CROPLAND

140 Ac.

I

I

WELL

11-138

190

PRELIMINARY PLAN MAP

USDA Soil Conservation Service
Rodd County Conservation District, Todd Co.
Cooperating with Denny Vavra

Map Scale equals 1 mile

Date: 1-28-75

Prepared by

District Conservation

Irrigation well to be located at
section quarter.

22

40.4

147.8

147.8

147.8

147.8

147.8

37-29

(3-148)

64.1

IRRIGATED
CROPLAND

IIIc

25.6

25.1

70.3

PRELIMINARY PLANNING MAP

USDA Soil Conservation Service
Todd County, Conservation District, Todd Co., So. Dak.
Cooperating with Danny V. Vetter

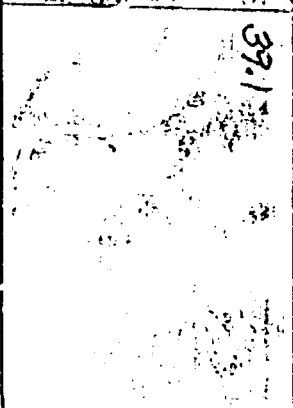
Map Scale 8" equals 1 mile

Date: 1-28-75

Prepared by D. Vetter
District Conservationist

Irrigation well to be located at center of Section
quarters.

37-29



39.1

17

PRELIMINARY PLAN MAP

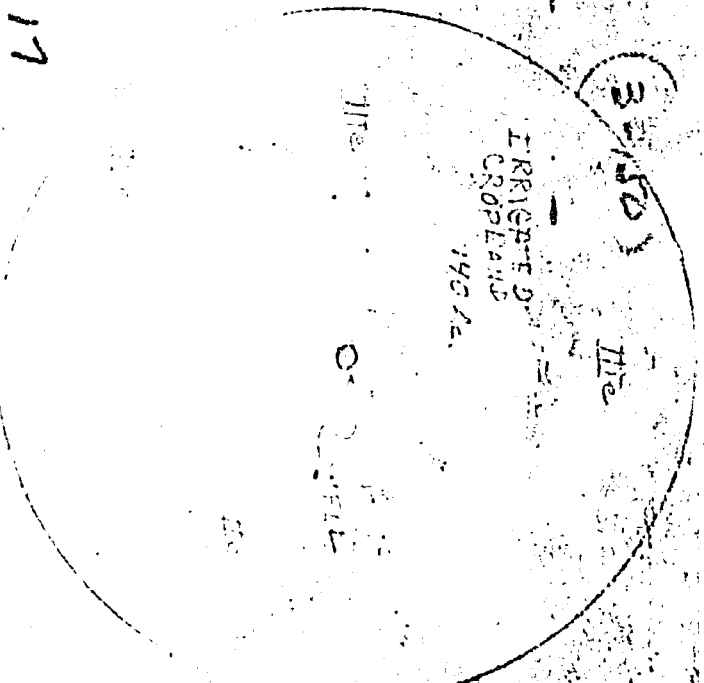
USDA Soil Conservation Service
Todd County Conservation District, Todd Co., So. Dak.
Cooperating with Danny Vavra

Map Scale 8" equals 1 mile

Date: 1-28-75

Prepared by Edward J. McInerney
District Conservationist

Irrigation Well to be located at center of Section
quarters.



39.50

The

IRRIGATED
CROPLAND

140 ft.

The

O

Well

38.0

N

39.1

39.1

37-29

PRELIMINARY PLAN MAP

USDA Soil Conservation Service

Todd County Conservation District, Todd Co., So. Dak.

Cooperating with Denny Vavra

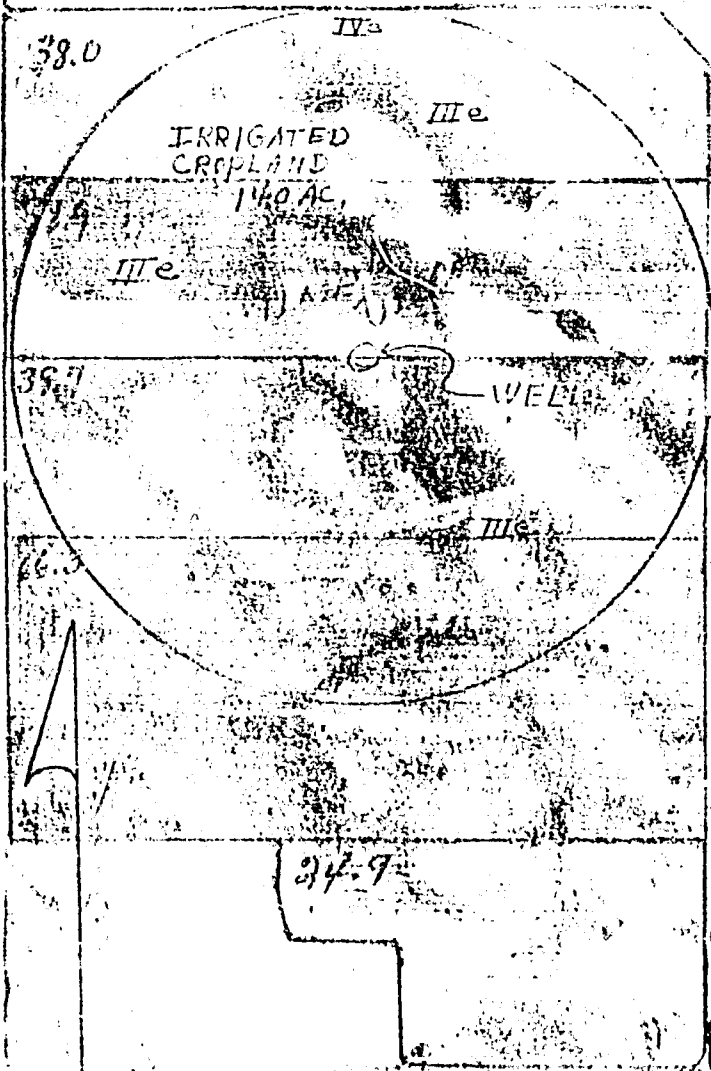
Map Scale 8" equals 1 mile

Date: 1-28-75

Prepared by

Harold Warner
District Conservationist

Irrigation well to be located at the center of the West Half of Section 16.



76.0

PRELIMINARY PLAN MAP

USDA Soil Conservation Service
Todd County Conservation District, Todd Co., So. Dak.
Cooperating with Danny Vavra.

Map Scale 8" equals 1 mile

Date: 1-28-75

Prepared by D. A. Johnson
District Conservationist

18.3
Irrigation well to be located at center of section
19 quarter.

20.1

19.7

21.3

140 Ac. IRRIGATION
CORRIDOR

19.9

0.4

19.1

34.2

30.9

19.1

37.29

(1-136)

15.

14.8

31.0

Permit No. 12530-2 12530-2

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 DanielVoera of Crookston NE holder ofPermit No. 12530-2 12530-2 bearing the priority of 2/4/75 4/12/85 1985 authorizingthe diversion of 10.0 1.86 cu. ft. per second of the waters of groundwaterfor irrigation purposes, in Todd County.

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

- A. Works used to divert the water: Well #1 - has 16" steel casing, is 240 ft. deep with a static water level of 98 ft. Well #2 is 240 ft deep with 16" steel casing. Well #3 is 260 ft deep with 16 inch steel casing and static water level of 98 feet. Pumps on wells #1 + #2 are 5 stage Sargent pumps having capacities of 800 GPM. Pump on well #3 is a 6 stage Fairbank-Morris size 11 M. The motors are all U.S. Electric with horsepower ratings of 100 on wells #1 + #2 and 75 on well #3.
- B. Works used to transport water to place of use:

All of the pipelines are 12 inch steel varying in length from 5 feet to 20 feet.

C. Works used to apply water to beneficial use:

The 3 center pivots are Reinke CP having 8 towers. They have an overall length of 1292 ft. Pivots 1 & 2 have Senniger nozzles and operate @ 60 psi with 700-800 GPM. Pivot #3 has Nelson nozzles and operates at 75 psi with 800 GPM.

The system is in the following condition Good

The point of diversion is located well #1 - 2400' N & 1330' E of SW corner sec 15; well #2 - 1330' N & 1200' E of SW corner sec. 16; well #3 - 1240' S & 1250' E of NW corner sec 22 all of T37N R29W.

The works are capable of diverting and conveying to the place of use 5.3 cu. ft. per second of water which is to be used for irrigation

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

<u>SW1NW1 15 - 30 Ac</u>	<u>NW1SW1 16 - 33 Ac</u>	<u>NW1NW1 22 - 34 Ac</u>	
<u>SE1NW1 15 - 30 Ac</u>	<u>NE1SW1 16 - 32 Ac</u>	<u>NE1NW1 22 - 31 Ac</u>	<u>All of T37N</u>
<u>NW1SW1 15 - 34 Ac</u>	<u>SW1SW1 16 - 33 Ac</u>	<u>SW1NW1 22 - 35 Ac</u>	<u>R29W</u>
<u>NE1SW1 15 - 34 Ac</u>	<u>SE1SW1 16 - 32 Ac</u>	<u>SE1NW1 22 - 31 Ac</u>	

comprising a total of 389 acres of land and the license should be issued for 5.3 cfs 3.44 cfs - 2/4/75
1.86 cfs - 4/12/85
5.3 cfs

Applicable permit qualifications have been complied with ☒ Yes ☐ NoExceptions to compliance are: _____ Date 11/1/84

The second permit, permits lands developed but not permitted. Those lands hold a priority of 4-12-85 for 1.86 cfs.

[Signature]
 (Signature)

LICENSE FOR PERMIT NUMBER 1253-21. Legal location of wells: center of NW1 Sec 22, T37N R29W

dams & structures: _____

2. Well Information: Well Drilling Firm GeotechNo. of wells 1 Depth 240

Casing a) diameter 12" Screen a) type concrete
 b) length 240 b) length _____
 c) type cement Static Water Level 98-100

Pump a) make Fairbanks Morse Motor a) make US Motor
 b) model G0678302 b) model no. R-9981-01-397 R2110998
 c) size 11M c) horsepower rating 1000
 d) capacity 700 GPH d) motor efficiency rating _____
 e) turbine pump
 no. of stages 6

3. Distribution lines:

a) size of lines 12"
 b) type steel
 c) length 15'

4. Dam Information:

a) height to crest _____
 b) height to spillway _____
 c) crest width _____
 d) crest length _____
 e) spillway length _____
 f) spillway width _____
 g) approx. storage _____

i) Outlet tubes:

1) diameter _____
 2) type _____
 3) valued (Y/N) _____
 4) valve type _____
 5) location on structure _____

h) Distribution lines or canals:

1) size _____
 2) type _____
 3) length _____

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 _____

b) towline:

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

5. System Type: c) center pivot

- 1) make Renke
- 2) number of towers 8
- 3) distance between towers _____
- 4) overall length _____
- 5) End gun (Y/N) Y
- 6) high or low pressure H
- 7) make & size of nozzles Nelson
- 8) PSI reading while system is running 75
- 9) GPM 800

g) Gun

- 1) make _____
- 2) serial number _____
- 3) nozzle size _____
- 4) capacity (GPM) _____
- 5) PSI _____
- 6) hose size _____
- 7) hose length _____

d) Gate Pipe

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

e) Siphons

- 1) number _____
- 2) size _____

f) Portable boom

- 1) make _____
- 2) serial number _____
- 3) nozzle size _____
- 4) capacity (GPM) _____
- 5) PSI _____

h) Hydromatic

- 1) make _____
- 2) model _____
- 3) serial number _____
- 4) length _____
- 5) nozzle size _____
- 6) spacing _____
- 7) PSI _____
- 8) capacity (GPM) _____

YES	NO	Check Items
☒	☐	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit.
☒	☐	2. Special Qualifications to permit being abided by.
☒	☐	3. All Structures, wells and lands on map.

REMARKS:

Vavra sec 16

LICENSE FOR PERMIT NUMBER 1253-2

1. Legal location of wells: Center of quarter of SW4
Sec 16 T 37N R 29W
dams & structures: _____
2. Well Information: Well Drilling Firm Red Tiger (no log available)
No. of wells 1 Depth 240'
Casing a) diameter 12" Screen a) type _____
b) length 240' b) length 110'
c) type Steel Static Water Level 98'-100'
Pump a) make Sargent Motor a) make HS Electric
b) model KP77208 b) model no. 6226-DS-4-2 P2148243
c) size 8 in c) horsepower rating 15
d) capacity 800 GPM d) motor efficiency rating _____
e) turbine pump
no. of stages 5
3. Distribution lines:
a) size of lines 12"
b) type Steel
c) length 20'
4. Dam Information:
a) height to crest _____
b) height to spillway _____
c) crest width _____
d) crest length _____
e) spillway length _____
f) spillway width _____
g) approx. storage _____
h) Distribution lines or canals:
1) size _____
2) type _____
3) length _____
i) Outlet tubes:
1) diameter _____
2) type _____
3) valued (Y/N) _____
4) valve type _____
5) location on structure _____
5. System Type: a) sizeroll:
1) length _____ feet
2) diameter of pipe _____
3) make, model & number of sprinklers _____
4) spacing of sprinklers _____
5) nozzle size _____
b) towline:
1) length _____ feet
2) make, model & number of sprinklers _____
3) spacing of sprinklers _____
4) nozzle size _____

5. System Type: c) center pivot

- 1) make Remko
- 2) number of towers 8
- 3) distance between towers
160'
- 4) overall length 1292
- 5) End gun (Y/N) Y
- 6) high or low pressure L
- 7) make & size of nozzles
Seninger
- 8) PSI reading while system is running 60
- 9) GPM 700 - 800

g) Gun

- 1) make _____
- 2) serial number _____
- 3) nozzle size _____
- 4) capacity (GPM) _____
- 5) PSI _____
- 6) hose size _____
- 7) hose length _____

d) Gate Pipe

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

e) Siphons

- 1) number _____
- 2) size _____

f) Portable Boom

- 1) make _____
- 2) serial number _____
- 3) nozzle size _____
- 4) capacity (GPM) _____
- 5) PSI _____

h) Hydromatic

- 1) make _____
- 2) model _____
- 3) serial number _____
- 4) length _____
- 5) nozzle size _____
- 6) spacing _____
- 7) PSI _____
- 8) capacity (GPM) _____

YES

NO

Check Items

☒ _____
☒ _____
☒ _____
☐ _____

1. Soil and water permit lands agree with lands being irrigated and lands listed on permit.
2. Special Qualifications to permit being abided by.
3. All Structures, wells and lands on map.

REMARKS:

Vavra - sec 15

LICENSE FOR PERMIT NUMBER 1253-2

1. Legal location of wells: Middle of SW - NW
quarter line Sec 15 T37 R29W

dams & structures: _____

2. Well Information: Well Drilling Firm Sargent

No. of wells 1 Depth 240'

Casing a) diameter 12"
b) length 240'
c) type steel

Screen a) type _____
b) length 110'
Static Water Level _____

Pump a) make Sargent
b) model 12789
c) size 1150
d) capacity 200 GPM
e) turbine pump
no. of stages 5

Motor a) make U.S. Electric
b) model no. R-9981-00-074 R3106248
c) horsepower rating 100
d) motor efficiency rating _____

3. Distribution lines:

a) size of lines 12"
b) type steel
c) length 5

4. Dam Information:

a) height to crest _____
b) height to spillway _____
c) crest width _____
d) crest length _____
e) spillway length _____
f) spillway width _____
g) approx. storage _____
h) Distribution lines or canals:
1) size _____
2) type _____
3) length _____

- i) Outlet tubes:

1) diameter _____
2) type _____
3) valves (Y/N) _____
4) valve type _____
5) location on structure _____

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 _____

- b) towline:

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

5. System Type: c) center pivot

- 1) make Reck
- 2) number of towers 7
- 3) distance between towers 160'
- 4) overall length 1212
- 5) End gun (Y/N) Y
- 6) high or low pressure L
- 7) make & size of nozzles Seninger
- 8) PSI reading while system is running 60
- 9) GPM 700-800

g) Gun

- 1) make _____
- 2) serial number _____
- 3) nozzle size _____
- 4) capacity (GPM) _____
- 5) PSI _____
- 6) hose size _____
- 7) hose length _____

d) Gate Pipe

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

e) Siphons

- 1) number _____
- 2) size _____

f) Portable boom

- 1) make _____
- 2) serial number _____
- 3) nozzle size _____
- 4) capacity (GPM) _____
- 5) PSI _____

h) Hydromatic

- 1) make _____
- 2) model _____
- 3) serial number _____
- 4) length _____
- 5) nozzle size _____
- 6) spacing _____
- 7) _____
- 8) capacity (GPM) _____

YES

NO

Check Items

1. Soil and water permit lands agree with lands being irrigated and lands listed on permit.
2. Special Qualifications to permit being abided by.
3. All Structures, wells and lands on map.

REMARKS:

RECEIPT

Division of Water Rights

No 4 10109

South Dakota Department of Water and Natural Resources

Pierre, September 23, 1935

RECEIVED OF Ganiel Vavra, HCR78, Box 28, Crookston NE 69212

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>1253A-2</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Cop of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	50 00

By John Hatch
Chief Engineer JOHN HATCH (KS)

No. 1253A-2

SOUTH DAKOTA Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

DEC 20 1985

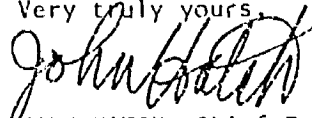
Daniel Vavra
HCR 78 Box 28
Crookston, Nebraska 69212

Dear Mr. Vavra:

Enclosed herewith is, Water License No. 1253A-2. This is the final water right document completing your process of obtaining a water right.

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.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division

JH:MS

Enclosures

Applicable portions of Water Permit No. 1253-2 have been incorporated into Water License No. 1253A-2

WNR-817 3/83
Transmittal of Water License

No. 1253A-2

SOUTH DAKOTA Department of
Water & Natural Resources

J. Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

DEC 20 1985

Daniel Vavra
HCR 78 Box 28
Crookston, Nebraska 69212

Dear Mr. Vavra:

Enclosed herewith is, Water License No. 1253A-2. This is the final water right document completing your process of obtaining a water right.

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.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division

JH:ms

Enclosures

Applicable portions of Water Permit No. 1253-2 have been incorporated into Water License No. 1253A-2

WNR-817 3/83

Transmittal of Water License