

Water Right Number 4408-3

1. Considered MAY 24, 19 79
2. Name of Applicant JOHN BLAIN ST CLAIR
3. Post Office Address REDFIELD, S.D. 21-117-65
4. Amount of water claimed 2.28
5. Source of water supply 115' WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 160
7. Water to be diverted and used in SPINK County
about 5S, 3 Miles WEST of ATHOL
8. Proof of Publication Received ~~5-21-79~~ 5-21-79
Not received _____
9. Application Approved 5-24-79
Subject to WI

10. Remarks:

~~John Blain St. Clair~~
Blaine St. Clair

He is only going to irrigate
the NE⁴ Section now—
He will not irrigate the
the NW⁴ for several years
Only consider the NE for
now —

472-2887

No. 4408-3Map No. 3598-3 Water Division No. 3 JAMES RIVER District
(Blanks to be Filled by the Engineer for the W. R. C.)RA APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

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

1. Name of Applicant John Blain St. Clair
 Postoffice address 349 REI, Box-271, Redfield, State South Dakota 57467
 If a corporation show date and place of incorporation -----
2. Method of accomplishing work (contract, employment of others, or by direct labor) Direct Labor
3. Name of diversion work John Blain St. Clair - Unit # 3
4. Amount of water claimed (cubic feet per second) 2.28
5. Source of water supply Ground Water
6. Location of point of diversion SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of 21-117-65
- County Spink
7. Annual period or periods during which water is to be used March - November
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 160

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

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NE $\frac{1}{4}$ -21-117-65	160		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 2 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Redfield Press, Redfield, SD
12. Principal Features of the Proposed Water Supply System.

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

Pump Bowl

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

Main Line

C. Works proposed to apply water to beneficial use.

Center PivotEstimated Total Cost \$ -----

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)
) ss.
 County of Spink)

I, John Blain St. Clair 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 [Signature]
 Subscribed and sworn to before me this 3rd day of October 19 78

James A. Oakley
 Notary Public (or other qualified officer)

MY COMMISSION
 EXPIRES NOV. 4, 1981

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4408-3
JOHN BLAIN ST. CLAIR Box 271 REDFIELD
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57467 With the following modifications:
 (State)

The irrigation well 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.

Date of first receipt of application MARCH 12, 19 79
 Date of return to applicant for correction, amendments or changes required _____, 19 ____
 Date of receipt of corrected application WQ MAY 4, 19 79
 Approved MAY 24, 19 79, Recorded in Book 20 Page 338

WATER RIGHT PERMIT NO. 4408-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4408-3 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 MARCH 12, 19 79
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before NOVEMBER 24, 19 81
3. The whole of said work is to be completed on or before MAY 24, 19 84
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 24, 19 86
5. The water appropriated shall be used for the purpose of IRRIGATION

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed 2.28 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before MAY 24, 19 86; said water to be used during the following described annual period: MARCH + NOVEMBER

Witness my hand this 7th day of JUNE, 19 79

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19 ____

Water License Issued _____, 19 ____

IRRIGATION DRILLING CO.

PHONE 472-0384

Location of Well: SE-4 1/4, NE-4 1/4, Section 21, Township 117, Range 65
Well to be drilled for: Blaine St. Clair (Name) Redfield (Address)
Spink (County) S. Dak. (State)
Date well drilling started 12-11-78 (Entered)
Purpose of well Domestic Well (domestic, irrigation, industrial, other)

Depth 115 ft. Casing Diameter 4 inches NORTH

Slot Size _____ Screen Size _____

Screen Depth: From 35 ft. to 115 ft.

Remarks: Well pump

Real good

1 Mile

Elapsed Time From Start of Pumping		Water Level		Discharge
0 hr.	0 min.	6 ft.	in.	(Static)
hr.	min.	ft.	in.	GPM
hr.	min.	ft.	in.	GPM
hr.	min.	ft.	in.	GPM
hr.	min.	ft.	in.	RECOVERY

Formation: Clay, Silt, Sand, Gravel, Color, Hard or Soft, etc.	Depth (ft.)		Formation (Continued)	Depth (ft.)	
	From	To		From	To
Top Soil	0	2	RM		
Clay - (rocks)	2	32			
Fine Sand	32	58			
Clay	58	60			
Fine Sand	60	82			
Fine-med Sand	82	101			
Med Sand	101	116			
Fine Sand	116	120			
Well is 115' deep					

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57007

Submitted by: Polar E. 26, 01 11:
Address: Box 271
Redfield, AR 72469

Date Rec'd March 9, 1979
Sample No. 72-085
Identification Vol 11-115
Pl. Sec. 21, T 117N, R 65W

WATER ANALYSIS

Calcium (Ca)	83	ppm*	4.15	me/l**
Magnesium (Mg)	26	ppm	2.13	me/l
Sodium (Na)	142	ppm	6.18	me/l
Potassium (K)	12	ppm	0.31	me/l
Sulfate (SO ₄)	76	ppm	1.58	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	95	ppm	2.16	me/l
Bicarbonate (HCO ₃)	561	ppm	9.20	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)	460	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	11.34	micromhos per cm at 25° C.		12.46
Sodium Adsorption Ratio	3.50	Adjusted SAR	9.00	6.28
Sodium	48.40	% of cations		9.10
Residual sodium carbonate	2.92	me/l		
pH	7.80			
Others:				

*ppm==parts per million
 **me/l==millequivalents per liter
 ***g.p.g.==grains per gallon

COMMENTS: Total cations 12.77 me/l
Total anions 13.44 me/l

By:.....Shirley Mitten

Service Performed

Amount Due

Irrigation analysis	\$15.00
---------------------	---------

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 79-085

Amount Enclosed \$.....

Signed.

REC-M/T/FORM
12/78

d

Water Rights

CONVENTIONAL

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
DIVISION OF CONSERVATION

NAME OF APPLICANT John Plain St. Clair Reelfield

SOIL RESTRICTIONS:

THE SOIL(S) LISTED BELOW CANNOT BE IRRIGATED:

RECOMMENDED MANAGEMENT:

1. Water should not be applied more than times during the irrigation season.
2. Each uninterrupted application (one rotation of center pivot) should be of at least inches of water.
3. ☒ Yes ☐ No Surface drainage suggested on Tetonka soil and any other
4. ☐ Yes ☐ No flat spots that tend to pond water.
Subsurface drainage suggested on
5. ☒ Deep tillage (for the purpose of aiding movement of water through dense subs. sils.
6. ☐ Heavy fall application of irrigation water. permeable than the top surface
soil.
7. Type of irrigation system recommended for use on this application pivot

GENERAL COMMENTS:

The Tetonka soils are generally non-irrigable and you have such an area in the n.w. quadrant. However, you have a surface slope to the east to Dove Creek that will permit you to readily surface drain the 5 to 10 acres Tetonka area. If surface drainage and deep tillage does not adequately take care of wet conditions, it should be kept in native grasses, or broom, or Garrison foxtail.

The second alternative for the Tetonka area would be the concentration of the depressional area to excavation holding pits located between the tower tracks of your pivot. The excavated dirt could be used to raise your tower track path. The benefits of such thinking is to keep from stressing your system and to decrease the area of non-profitable land.

Copy to applicant
Copy to Water Rights
Copy on File

SOIL/WATER COMPATIBILITY APPLICATION FORM
STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE



OWNERS NAME: Wm B St. Clair OWNERS ADDRESS: Box 127, Redfield SD 57469
COUNTY LAND LOCATED IN: Spink County PHONE: 472 0177
TENANT'S NAME AND ADDRESS: (If Other Than Owner) _____

In accordance with State Law SDCL 46-5-5.5, if a water right is granted with a conditional permit (Soil/Water Compatibility), a copy of such conditional permit must be filed with the County Register of Deeds.
This action must be taken by the holder of a water right within 6 months of receipt of such water right.

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres.)

1. WELL LOCATION OR DIVERSION POINT: NE 4 21 117 65 (SE 4.1114)
2. SURFACE WATER SOURCE: NE 4 21 117 65
3. LOCATION OF AREA TO BE IRRIGATED: NE 4 21 117 65
4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Farmstead, shelterbelts, wetlands, etc.)
5. TYPE OF IRRIGATION: (Show approximate acres under each type of system)
 - a. GRAVITY _____ TOWLINE _____ CENTER PIVOT 130 A GUN _____ OTHER (Specify) _____
 - b. CROPS TO BE IRRIGATED corn, alfalfa, soybeans
 - c. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: _____ LAND: _____ IN WHAT NAME: _____

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

1. SAMPLE NUMBER: 79-085
2. SALINITY (EC X 10⁶) 1134
3. SODIUM (SAR) 3.50 ADJUSTED (SAR) 9.00

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see back) were followed, and that the sample was taken at 5:00 A.M. (P.M.), on 12-12-78, 1978, at the following location: NE 4 21 117 65 (SE 4.1114)
by _____ (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

I also hereby certify that a chemical analysis of the irrigation 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 further, that the legal description for the location of the well and land to be irrigated is true and correct.

I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 6-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS
9 DAY OF March, 1979.

David Johnson
(NOTARY PUBLIC)

My Comm Expires
12/82

Wm B St. Clair
APPLICANT'S SIGNATURE

Ruth L. Hammer
Director, Division of Conservation

APPROVED

DISAPPROVED

X CONDITIONALLY APPROVED

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application.

In all cases a WATER RIGHT must be obtained from the State Water Rights Commission.

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter _____, Depth _____
- (2) Casing, Type _____, Diameter _____, Thickness _____
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type _____, Diameter _____, Length _____
- (4) Gravel Pack. Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates.

- (1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout. *Log to be furnished by driller

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

Character of Water bearing materials _____

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Thickness of water bearing material _____

Depth to water (ground surface to water level) _____

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

On same owner's property 1120 rds. On property owned by others *800 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.

* Questionable if still in use, livestock well.

John P. H. [Signature]
Signature of Applicant

No. 4408-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Spirit) ss.

I, Robert A. Jackheck hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Redfield Press

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

May 10, 1979

May 17, 1979

Robert A. Jackheck
(Signature)

Clerk
(Title)

5/17/79
(Date Signed)

No. 95

No. 4408-3

NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER

Pierre, South Dakota 57501

May 4, 1979

Notice is hereby given that John Blain St. Clair whose post office address is Redfield, South Dakota, has made an application 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; 46-6-3, 46-6-3.1, 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 2.28 cubic feet of water per second of time from groundwater (one well) through the St. Clair Unit No. 3, the point of diversion of which is to be located in the SE 1/4 NE 1/4 of Section 21, Twp. 117N, Range 65W. Said water to be used for the purpose of providing irrigation on portions of the following described land: NE 1/4, Section 21-T117N-R65W.

This Application No. 4408-3 will be considered by the Water Rights Commission at Howard Johnson's Motel, 2711 Lacrosse, Rapid City, South Dakota upon the 24th day of May, 1979 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.

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.

WATER RIGHTS
COMMISSION
Betty Westlund
Water Rights
Specialist

BW:kjw

cc: John Blain St. Clair, Box
271, Redfield, S. D. 57469
(May 10, 17)



No. 4408-3

Publish first publication, on or before May 10, 1979

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APPLICATION TO APPROPRIATE WATER

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of Section 21, Twp. 117N, Range 65W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

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WATER RIGHTS COMMISSION

Betty Vestlund
Water Rights Specialist

BWskjw

cc: John Blain St. Clair
Box 271

Redfield SD 57469

FORM 6 - Notice of Intent to Appropriate Water
GROUNDWATER

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 6858

PIERRE, March 12, 1979

RECEIVED OF John B. St. Clair, Box 277, Redfield SD 57469

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

Fee for Application for Permit to Appropriate Water No. 4403-3 (examination, processing, recording and filing)	250	00
Fee for Inspecting Construction, and issuing Cert. of Construction No.		
Fee for Inspecting Beneficial Use, and issuing Water License No.		
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for (any other work as provided by law)		
TOTAL	250	00

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer
JOHN HATCH kJw

NORTHERN PUMP COMPANY
MEMORANDUM

3-11-79

Wesley Burton:

enclosed please find my re-application
for a water permit for NE 4 21 17 65 Grant
County, SD

Yesterday I worked with John Kirkhoff
of Brookings Water Quality Lab where
I left a water sample from the
115' well dug by Emory Drilling on
12-11-78. I also filled in W-1 form
(notarized) and left it with John.

It was a great pleasure getting
with you at Pierre on Thursday.

Best regards,

Alan

W. Enclosed also please find check for
\$250.00 in application fee.



John B St Clair
Box 271
Redfield SD 57469

January 14 1980

Mr Burton Jones
Dept of Natural Resource Development
Water Rights Commission
Joe Ross Bldg
Pierre SD 57501

Dear Burton

Just thought I'd advise you of the following new wells

Tubular Well NE $\frac{1}{4}$ 14 114 63

Tubular Well NW $\frac{1}{4}$ 13 117 65

Tubular Well NE $\frac{1}{4}$ 21 117 65

Irrigation Well NE $\frac{1}{4}$ 21 117 65 Water Permit 4404-3

Please send any forms you wish completed Don't plan to
irrigate this summer on 4404-3 am waiting for \$5.00
corn and ability to produce plus 150 b/a !

Best regards

John B St Clair
John B St Clair



John B St Clair
Box 271
Redfield SD 57469

January 27 1980

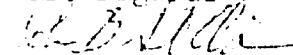
Mr Burton Jones
Dept of Natural Resource Development
Water Rights Commission
Joe Ross Bldg
Pierre SD 57501

Dear Burton

In addendum to my letter of January 14, 1980 I hasten to inform you that there are a total of three tubular wells and one irrigation well located on the NE $\frac{1}{4}$ 21 117 65 Spink County South Dakota

Always a pleasure to run into you at the water related meetings

Best regards


John B St Clair

Johnson Division
P.O. Box 43118 • St. Paul, Minnesota 55164
Telephone 612-636-3900 • Telex 29-7451

November 20, 1980



Huron Drilling
Box 1422
Huron, SD 57350

RE: Main St. Clair Well, Redfield, South Dakota

Gentlemen:

We have completed our analysis of the pumping test you submitted for the referenced well.

We estimate the transmissivity of the formation to be $55,000 \text{ gpm/ft}^2$. The well appears to be about 78 percent efficient with an actual specific capacity of 21 gpm per foot of drawdown. No significant boundaries (areas of lower transmissivity) were encountered during the test.

An analysis of the distance drawdown graph reveals that after 24 hours of pumping, there is no influence on the static water level at a distance of about one mile from the pumping well. Some influence may be detected at that distance with longer pumping.

Thank you for the opportunity to be of service. Please contact us if you have any questions.

Sincerely,

Bradley P. Varhol
Bradley P. Varhol
Geologist

BPV:ljp

LINE DRAWDOWN GRAPH
BRAIN ST CLAIR
FIELD, SOUTH DAKOTA
WELL NO 2.

$$= \frac{264 \times Q}{2.2} = 50,000 \text{ gpm / hr?}$$

LA 435.0 ft

TIME DRAWDOWN GRAPH

BUTIN P. CLAIR
REDFIELD, SOUT DAKOTA

WELL NO. 2

$$Q = \frac{26.9}{2.5} = 10.76 \text{ gpm/ft}$$

$$Q_{\text{actual}} = 2 \text{ gpm/ft of drawdown}$$

$$Q_{\text{theoretical}} = 27 \text{ gpm/ft of drawdown}$$

$$\approx 78.2\% \text{ efficient}$$

4.5
= 610 ft

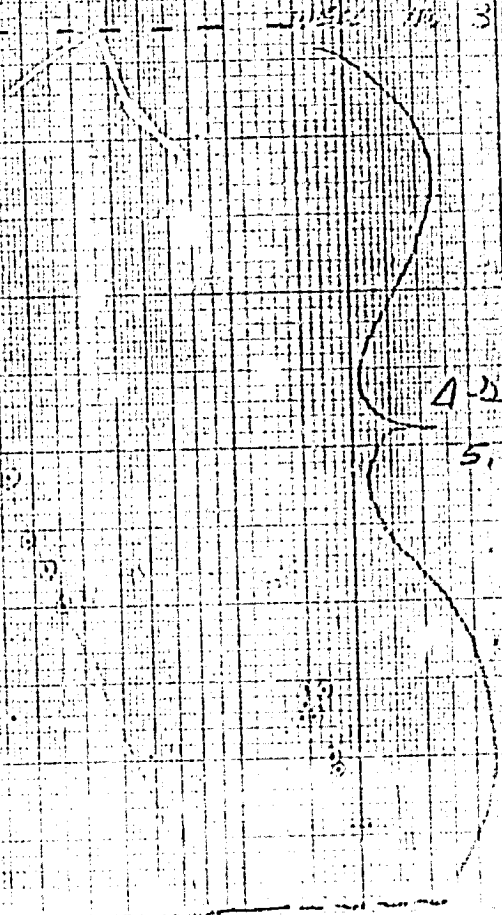
TIME-DRAWDOWN GRAPH

WELL NO. 1 (2011)
RECEIVED 5.7.70

WELL NO. 3

$$\frac{Q}{A \cdot S} = \frac{264 \text{ G}}{5.7} = 43,900 \text{ gpm}/\text{ft}^2$$

$$A \cdot S = 5.7 \text{ G}$$



B. Hall & Clark
 GEORGE A. CLARK
 Well "3"

Well #3

$$\Delta h = 9.0$$

$$T = \frac{528.0}{\Delta h} = 58.66 \text{ gpm/ft}$$

Theoretical DRAWDOWN AT Well
 33.6 ft
 actual DRAWDOWN AT Well
 42.7 ft

$$\text{Efficiency} = \frac{33.6}{42.7} \times 100 = 78\%$$

Distance

FIELD PUMPING TEST Water Level Measurements

Well No. 1

Location Plain St. Clair Redfield E.L.
Date: 1-10-80

16" Steel 70' perforation

Time of Measurement	Elapsed Time - Minutes	Tape Measurement		Elec. Llev. of Marker Inches	Depth of Water Feet	Draw- down Feet	Pumping Rate GPM	REMARKS
		Mark Held Ft	Wetted Port. Inches					
5					9'7"	Static		
5	5				30'9"	21'2"	820	
10	5				31'11"	22'4"	820	
15	5				32'1"	23'6"	780	
20	5				41'1"	31'6"	780	
25	5				49'3"	39'8"	948	
30	5				49'8"	40'1"	948	
40	10				50'2"	40'7"	948	
50	10				50'8"	41'1"	948	
60	10				51'	41'5"	948	
75	15				51'6"	41'11"	948	
90	15				52'1"	42'6"	948	
105	15				52'4"	42'9"	948	
120	15				52'9"	43'2"	948	
135	15				53'	43'5"	948	
150	15				53'5"	43'10"	948	
165	15				53'8"	44'1"	948	
180	15				53'6"	43'11"	948	
195	20	motor screw up			56'8"	45'1"	983	
210	15				57'1"	47'5"	1000	
225	15				57'4"	47'2"	1000	
240	15				57'6"	47'11"	1000	
255	15				57'8"	48'1"	1000	

001

Date: 1-10-80

[illegible]

6.

FIELD PUMPING TEST Water Level Measurements

cell No. 1

Location Main St. Clair Redfield S.b.

Date: 1-11-80

16" Steel 20' Interferation

[illegible]

C.R.

FIELD PUMPING - 5T Water Level Measurements

Well No. 1

Location: Main St. Clair Redfield . .

Date: 1-11-80

16" steel 70' perforation

[illegible]

FIELD PUMP TEST Water Level Measurements

Well No. 2Location: Plain St. Clair Res.Date: 1-10-804th Observation 15' S from main well

Time of Measurement	Elapsed Time - Minutes	Tape Measurement		Elev. of Marker Inches	Depth of Water Feet	Draw-down Feet	Pumping Rate GPM	REMARKS
		Mark Held Ft	Wetted Port. Inches					
9:55					7'8"	static		
10:00	start							
10:05	5				21'2"	13'11"	820	
10:10	5 10				22'6"	14'11"	820	
10:15	5 15				22'6"	14'11"	780	
10:20	5 20				22'8"	15'11"	780	
10:25	5 25				26'5"	18'9"	948	
10:30	5 30				27'4"	19'8"	948	
10:40	5 40				28'1"	20'5"	948	
10:50	10 50				28'7"	20'11"	948	
11:00	10 00				28'11"	21'3"	948	
11:15	15 15				29'2"	21'11"	948	
11:30	15 30				30'	22'4"	948	
11:45	15 45				30'4"	22'8"	948	
12:00	15 00				30'10"	23'2"	948	
12:15	15 15				31'	23'4"	948	
12:30	15 30				31'2"	23'11"	948	
12:45	15 45				31'9"	24'11"	948	
1:00	15 00				31'8"	24'	948	
1:30	30 20	motor screw up			32'11"	25'10"	983	
1:45	15 25				33'9"	26'11"	1000	
	15 40				34'	26'4"	1000	
1:15	15 55				34'5"	26'9"	1000	

Cep

FIELD TYPING TEST

Water Level Measurements

Well No. 2

Location: Blain St. Clair Leaf
Date: 1-10-80

4" observation 15' from main well

[illegible]

5

FIELD PUMP: 3 TEST

Water Level Measurements

Well No. 2

Location: Blain St. Clair Redfield
Date: 1-11-80

4" 15' S from main well observation

[illegible]

FIELD PUMP TEST Water Level Measurements

Well No. 2

Location: Blain St. Clair Redfield

Date: 1-11-80

4" observation 15' S from main well

[illegible]

Cef

548

FIELD PUMPING TEST Water Level Measurements

Well No. 7

~~Observation 10000-7~~

Location, Plain St. Clair Redstone

Date: 1-11-86

4" observation	Empire drilled well
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[illegible]

FIELD PUMPIN TEST

Water Level Measurements

Well No. 3

observation 10X0'E

Location: Plain St. Clair Redfield

Date: 11-11-80

4" observation Empire drilled well

[illegible]

cel

3860-3
3861-3
4408-3
4553-3

May 7, 1984

John B. St. Clair
Box 325
Ashton, South Dakota 57424

Dear Mr. St. Clair:

In reference to our telephone conversation of May 7, 1984, enclosed are 1983 Irrigation Questionnaires pertaining to Water Permit Nos. 3860-3, 3861-3, 4408-3, 4553-3.

Water Permit No. 4553-3 was suspended for one year by Water Management Board at their April 25-26, 1984 meeting. We will be in contact with the Board members next week. If the questionnaires are returned to us by Monday, May 14, we could request the Board to rescind the action taken at the April meeting. This request would be made to the Board in reference to our telephone conversation in which you stated you had not received any prior notices to return the questionnaires, probably due to an address error.

As stated above, the questionnaires should reach our office by May 14, 1984. If you have any questions concerning this matter, please contact us.

Sincerely,

Genny McMath
Natural Resources Analyst

GM:ms
Enc.

NOTE: The address on all of your permits has been changed to reflect your correct address.

Equal Opportunity Employer

 **Department of
Water & Natural Resources**

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

SEP 14 1989

3860-3
3861-3
4553-3

John Blain St. Clair
Box 325
Ashton, SD 57424

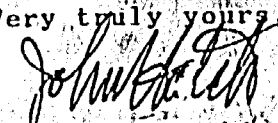
Dear Mr. St. Clair:

Enclosed are Water License Nos. 3860-3, 3861-3, and 4553-3. These are the final water right documents completing your process of obtaining Water Rights. Enclosed are Receipt Nos. 411547, 411548 and 411549 in the amount of \$50.00 each 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 Nos. 3860-3, 3861-3, and 4553-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water Licenses, 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 No. 4408-3 were incorporated into Water License No. 4553-3.

