

1. Considered SEPT. 13, 19 78
2. Name of Applicant CITY OF CANTON
3. Post Office Address _____
4. Amount of water claimed :43 (FROM FUTURE USE # 1262-3)
5. Source of water supply GROUNDWATER - 1-475' DEEP & 415' DEEP
(DAKOTA FORMATION) WELL
6. Water to be used for MUNICIPAL

Acres to be irrigated —

7. Water to be diverted and used in LINCOLN County
about S. EDGE Miles — of CANTON

8. Proof of Publication

Received 1st 8-28-78

Not received _____

9. Application

Approved _____

Subject to _____

Not approved _____

Action deferred _____

10. Remarks:

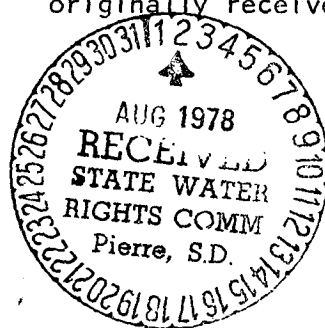
12 - No 1. REPLACEMENT WELL - (Aug 18, 1978) ✓

31 - No. 8 - NEW WELL - (8-2-78 PRIORITY) —
3-16-66

1262-3

*to be heard at
2:45 pm*

No. 4312-3
 Map No. 3521-3 Water Division No. 3 SIoux RIVER District
 (Blanks to be Filled by the Engineer for the W. R. C.)
SEE ALSO 879-3

**APPLICATION FOR PERMIT**

FROM FUTURE USE PERMIT NO. 1262-3

To Appropriate Water within the State of South Dakota

8:00A.M.

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

1. Name of Applicant City of Canton
 Postoffice address Box 128 - Canton, State SD 57013
 If a corporation show date and place of incorporation _____
 2. Method of accomplishing work (contract, employment of others, or by direct labor) contract
 3. Name of diversion work Canton wells no. 8 and no. 1
 4. Amount of water claimed (cubic feet per second) total cfs .43-no. 8-.31(140gpm)* no. 1-.12(55gpm)
 5. Source of water supply groundwater - Dakota Formation
 6. Location of point of diversion No. 1-1350' S & 70' W of NE Corner, Section 23; No. 8-1070' S & 1820' W of NE Corner of Section 23, all in T98N, R49W

- County Lincoln
 7. Annual period or periods during which water is to be used continuously
 8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) municipal
 9. For irrigation use, Total number of acres to be irrigated _____

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.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system completed years. Additional time required to complete application of water to the proposed beneficial use _____ years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication Sioux Valley News, Canton, SD
 12. Principal Features of the Proposed Water Supply System.

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

2 wells

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

city mains

C. Works proposed to apply water to beneficial use.

city mains

*The No. 1 well is a replacement well for old No. 1. Original No. 1 well was approved for .15 cfs an additional .12 cfs is requested on this permit.

(original #1 - 70 GPM
 Replacement #1 - 125 GPM (55 GPM MORE))

Estimated Total Cost \$ 65,000.00

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 Lincoln)
) ss.
 I, John J. Fox

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 John J. FoxSubscribed and sworn to before me this 3 day of August, 19 78Notary Public (or other qualified officer) Lorraine Bulley

CITY
OF
CANTON
LINCOLN COUNTY
SOUTH DAKOTA

LOCATION OF WELLS

WELL NUMBER	WELL LOCATION
No. 1	1350' SOUTH & 70' WEST OF NE CORNER OF SECTION 23, T98N, R49W
No. 2	1260' SOUTH & 510' WEST OF NE CORNER OF SECTION 23, T98N, R49W (ABANDONED)
No. 3	1350' SOUTH & 2600' WEST OF NE CORNER OF SECTION 23, T98N, R49W
No. 4	2340' SOUTH & 1570' WEST OF NE CORNER OF SECTION 23, T98N, R49W
No. 5	1000' SOUTH & 850' EAST OF NW CORNER OF SECTION 24, T98N, R49W
No. 6	620' SOUTH & 3410' WEST OF NE CORNER OF SECTION 23, T98N, R49W
No. 7	2360' SOUTH & 1540' WEST OF NE CORNER OF SECTION 23, T98N, R49W
No. 8	1070' SOUTH & 1820' WEST OF NE CORNER OF SECTION 23, T98N, R49W

REVISED - JULY 1978

I, D.C. KALDA, REGISTERED LAND SURVEYOR OF THE STATE OF SOUTH DAKOTA, DO HEREBY CERTIFY THAT I HAVE ON AND BEFORE JULY 21, 1978, MAPPED THE AREA AS SHOWN HEREON FOR THE PURPOSE OF WATER APPROPRIATION.
DATED THIS 21ST DAY OF JULY, 1978.

D.C. Kalda
D.C. KALDA, R.L.S.

STATE OF SOUTH DAKOTA
COUNTY OF MINNEHAHA

ON THIS 21ST DAY OF JULY, 1978, BEFORE ME THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, APPEARED D.C. KALDA, WELL KNOWN TO ME TO BE THE PERSON DESCRIBED ABOVE AND WHO ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING CERTIFICATE.

MY COMMISSION EXPIRES:
September 1, 1983

Quillie E. McCormick
NOTARY PUBLIC, SO. DAK.

SURVEYORS' CERTIFICATE

I, D.V. SCHMITZ, REGISTERED LAND SURVEYOR OF THE STATE OF SOUTH DAKOTA, DO HEREBY CERTIFY THAT I HAVE ON AND BEFORE MARCH 4, 1966, MAPPED THE AREA AS SHOWN ABOVE FOR THE PURPOSE OF WATER APPROPRIATION.

DATED THIS 4TH DAY OF MARCH 1966 *D.V. Schmitz*
D.V. SCHMITZ, REG. LAND SURVEYOR

STATE OF SOUTH DAKOTA
COUNTY OF MINNEHAHA

ON THIS 4TH DAY OF MARCH, 1966, BEFORE ME THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, APPEARED D.V. SCHMITZ, WELL KNOWN TO ME TO BE THE PERSON DESCRIBED ABOVE AND WHO ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING CERTIFICATE.

MY COMMISSION EXPIRES:

Quillie E. McCormick
NOTARY PUBLIC, SOUTH DAKOTA

No. 1 - INDICATES WELL LOCATION AND NUMBER

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4312-3CITY OF CANTON

(Applicant)

Box 128, CANTON

(Post Office Address)

SOUTH DAKOTA

(State)

With the following modifications:

The well approved under this Permit ~~is~~^{are} located near domestic wells which may obtain water from the same aquifer. The well owner, under this Permit, shall control his withdrawals so ~~that~~ there is not a reduction of needed water supplies in adequate domestic wells.

.15 c.f.s. priority was established under Partial Vested Right Permit No. 1262-3, that portion has been incorporated into this Permit No. 4312-3 and has been removed from Permit No. 1262-3.

Priority for this Permit was established under Future Use Withdrawal No. 1262-3. Development of this permit reduces Permit No. 1262-3 by .43 c.f.s., leaving 2.57 for Future Development.

Date of first receipt of application AUGUST 2, 19 78

Date of return to applicant for correction, amendments or changes required _____, 19 _____

Date of receipt of corrected application _____, 19 _____

Approved SEPTEMBER 13, 19 78, Recorded in Book 20 Page 90WATER RIGHT PERMIT NO. 4312-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4312-3 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 .15 FROM 1936 & .43 FROM MARCH 16, 1966
2. The equivalent of at least one-fifth of the work above specified is ~~to be~~ completed _____
3. The whole of said work is ~~to be~~ completed _____
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is COMPLETED
5. The water appropriated shall be used for the purpose of MUNICIPAL USE

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 .58 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 use ~~and if for the irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than 1/70 of one cubic foot of water per second of time for each acre of land to which water is~~

USED FOR MUNICIPAL PURPOSES
actually and beneficially ~~applied for irrigation~~ on or before THIS DATE; said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 4th day of OCTOBER, 19 78

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19 _____

Water License Issued _____, 19 _____

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

D. Well Information or Estimates

(WELL No. 1 - DRILLED 1974)

(1) Drill Hole, Diameter 15', Depth 415'(2) Casing, Type STEEL Diameter 10" Thickness 0.365"
(wood, concrete, steel, etc.)

(3) Perforated Screen.

Type STAINLESS STEEL, Diameter 5" I.D., Length 40'(4) Gravel Pack, Thickness 2 1/2', Length of gravel pack 60'

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 attached well logsDepth to top of water bearing material 365'Depth to bottom of water bearing material 415'Thickness of water bearing material 50'Depth to water (ground surface to water level) 110' (1974)

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

On same owner's property - rds. On property owned by others - 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.

NOTES: (1) SEE ATTACHED "AS-BUILT WELL CONSTRUCTION" DRAWING AND "DRILLER'S LOG."

(2) WELL No. 1 SHOWN REPLACED PREVIOUS WELL No. 1 AT APPROXIMATELY SAME LOCATION.

John J. Hg
Signature of Applicant

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

D. Well Information or Estimates (WELL No. 8 - DRILLED 1977)

(1) Drill Hole, Diameter 15", Depth 475'(2) Casing, Type STEEL (wood, concrete, steel, etc) Diameter 10" Thickness 0.365"

(3) Perforated Screen.

Type STAINLESS STEEL, Diameter 5" I.D., Length 45'(4) Gravel Pack. Thickness 2 1/2", Length of gravel pack 65'

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 attached well logsDepth to top of water bearing material 430'Depth to bottom of water bearing material 475'Thickness of water bearing material 45'Depth to water (ground surface to water level) 144' (1977)

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

On same owner's property — rds. On property owned by others — 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.

NOTE: SEE ATTACHED "AS-BUILT WELL
CONSTRUCTION DRAWINGS AND
"DRILLER'S LOG."

John J. Hays
Signature of Applicant

JOB NAME		LOCATION	DATE	RIG NO.	Peterson Jr. FOREMAN
Jt No.	DEPTH	TIME	REMARKS		
			Test Hole #2		
1	20	1:03	0-1 Top soil		
2	40	1:15	1-18 Yellow clay, gravel streak @ 15		
3	60	1:25	18-20 Blue clay		
4	80	1:35	20-40 Blue clay Signs of soap stone		
5	100	1:46	40-50 Blue clay		
6	120	2:05	50-54 Coarse sand		
7	140	2:20	54-60 Blue clay		
8	160	2:30	60-80 Blue clay		
9	180	2:45	80-82 Blue clay		
10	200	3:05	82-100 Shale		
11	220	3:22	100-120 Shale		
12	240	3:44	120-140 Shale		
13	260	4:03	140-160 Shale		
14	280	4:20	160-180 Shale		
15	300	4:30	180-200 Shale Codell @ 195		
16	320	4:50	200-270 Shale		
17	340	5:03	270 Greenhorn		
18	360	5:15	270-280 Shale Greenhorn @ 270		
19	380	6:28	280-300 Shale		
20	400	8:15	300-320 Shale		
21	420	8:55	320-340 Shale		
22	440	9:16	340-360 Shale		
23	460	9:32	360-380 No good Bit #1 @ 360' 6 1/4" Start @ 6:05 P.M. 4/25/77		
24	480	10:08	380-400 Hard Sand with good streaks		
25			400-410 Poor to fair sand		
26			410-420 No good		
27			420-425 Streaked		
28			425-433 No good		
29			433-440 Good sand		
30			440-460 Good sand		
			460-475 Good sand		
			475-480 No good		

MINNEHAHA WATERS, INC.

FIELD REPORT OF TEST HOLE

Name of Job Cuttings Center Test Hole No. 2
 Address Cuttings Center Depth 451
La Blake Date 4-22-74

(AT WATER PLANT)

LOG				PERMEABILITY DATA		
From	To	Material	Sample Taken	Hydrometer Reading	Fluid Loss inches	Remarks
0	1	fine clay				
1	22	hard sand				
22	50	fine clay				
51	53	hard sand				
53	78	fine clay				
78	223	fine shale				
223	306	fine shale, streak of sand				
306	317	fine shale, hard				
317	321	fine shale, streak of sand				
321	323	shale				
323	348	fine shale				
348	349	sandstone + shale				
349	389	fine shale				
389	417	sandstone + shale				
417	450	fine shale				

Size of Pit: Length _____ ft. Width _____ ft. Depth 452 ft.
 Static Water Level _____ ft. below ground level. Diameter of well 7 1/2 in.
 Was well pumped _____ Yield _____ g.p.m. Water sample _____
 Depth of screen setting _____ ft. Size of gravel used _____
 Date 4-25-74 Miller Kevin L. Linder

MINNEHAHA WATERS, INC.

FIELD REPORT OF COMPLETED WELL

Name of Job City of Canton Date started 4-29-74
 Address Canton, Mo. Bluff Date completed 5-26-74
 No. of days _____

LOG OF WELL

From	To	Material	From	To	Material
0	78	Spigot	368	384	hard stone + shale
78	273	Heavy shale	384	389	Heavy shale
273	306	Heavy shale - iron pyrite	389	412	sandstone + shale
306	321	Heavy shale	412	450	glay shale
321	3225	Chert			
3225	368	Heavy shale			

Kind of plug in well stainless steel Static water level 110'
 Depth of well - ground level to top of plug 415'

MATERIAL LEFT IN WELL

	Opening	Length - feet	Diameter - inches	Material
Screen	#25	40'	5"	S.S.
Inner casing		20'	5"	S.S.
Outer casing		365'	10"	Blk. steel

Was outer casing cemented yes Amount 340 bags
 Size of gravel used 10-20 in. to 20-40 in. Amount 80 bags

TEST OF WELL

Hours Pumped		Yield gal. per min.	Water Level ft. below surface	Remarks
From	To			
2:00 PM	8:00 PM	120	206'	

Did well clear up yes Time to clear right away
 Date 5-26-74 Driller Kevin Linder

HURON DRILLING INC.

ALL TYPES OF WELL DRILLING AND REPAIRING

Huron, South Dakota, May 9 19 77

SOLD TO City of Canton P. O. Canton, South Dakota

Location _____ Rig No. 9 57013 Terms: CASH

May 5: 10 Ft. to much gravel pack so washed it out to desired level. Jet washed screen adding 2 bags of Fast-Break. Washed out well with $3\frac{1}{2}$ tanks of water 15,000 Gallons

May 6: Installed 4 x $1\frac{1}{2}$ " Air Line and pumped well for developing purpose. Pumped approximately 150 G.P.M. Checked for settling in screen. Tore down for moving to Huron

LENGTHS OF 10" CASING

1.	7'	6"
2.	20'	11"
3.	20'	11"
4.	20'	2"
5.	20'	$\frac{1}{2}$ "
6.	19'	7"
7.	18'	5"
8.	21'	0"
9.	19'	8"
10.	21'	2"
11.	20'	2"
12.	20'	$11\frac{1}{2}$ "
13.	21'	2"
14.	18'	10"
15.	19'	$10\frac{1}{2}$ "
16.	18'	$11\frac{1}{2}$ "
17.	19'	$1\frac{1}{2}$ "
18.	19'	11"
19.	21'	$11\frac{1}{2}$ "
20.	21'	$1\frac{1}{2}$ "
21.	19'	10"
22.	17'	$11\frac{1}{2}$ "

JOHNSON SCREEN 5"

1.	20'	Leader Pipe 3"
2.	15'	5"
3.	15'	4"
4.	15'	4"

HURON DRILLING INC.

ALL TYPES OF WELL DRILLING AND REPAIRING

Huron, South Dakota, May 9 19 77

SOLD TO City of Canton

P. O. Canton, South Dakota

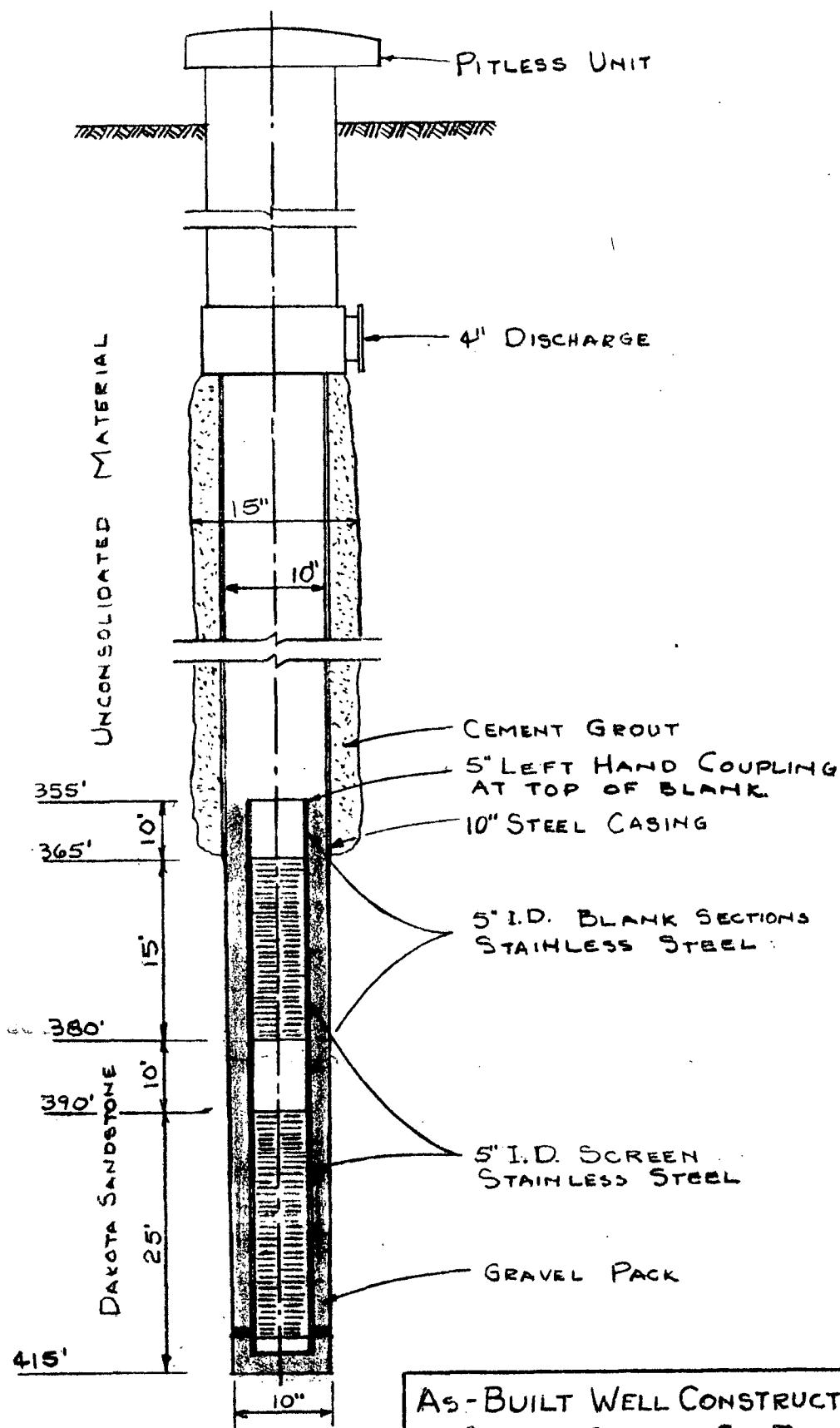
Location

57013

Rig No. 9 Terms: CASH

- April 19: Moved to Canton-Set up Rig:
- April 20: 7:00 A.M.-10:00 A.M. Rig Time
10: A.M. Drilled to 60 Ft. on Test Hole #1.
- April 21: Drilled on test Hole #1 to 420 Ft.
Dakota sandstone at 408 Ft.
- April 22: Drilled to 470 Ft.
Dakota sandstone @408-460 Ft.
Electric Logged
Drillers Log right on
Moved to Hole #2
- April 23: Set up rig and got ready to test drill,
test Hole #2
Drove to Huron
- April 25: Drilled Test Hole #2 to 380 Ft.
- April 26: Drilled Test Hole to 480 Ft.
Hole was Electric Logged by Vermillion
Geological Survey.
Drilled 15" Hole to 100 Feet.
- April 27: Changed Bits 10" Hole.
Drilled 15" Hole to 130 Feet.
- April 28: Drilled 15" Hole to 380 Feet.
- April 29: Set 430'-1" of 10" Pipe to 430'-1"
- April 30: Cemented in 430' 1" pipe and drove to
Huron.
- May 2 : Moved to Canton:
- May 3 : Drilled out cement plug with 6" bit.
then put on 9 7/8" bit and drilled
out plug to 9 7/8"
- May 4 : Drilled out 45' of sand 9 7/8" hole to
475' with revert mud-5 bags of revert.
Installed 46'-1" Johnson Screen and
20'-3" Blank leader pipe. Washed out
revert and gravel pack screen
23 1/2 - 100# bags of gravel pack sand.

Well #1

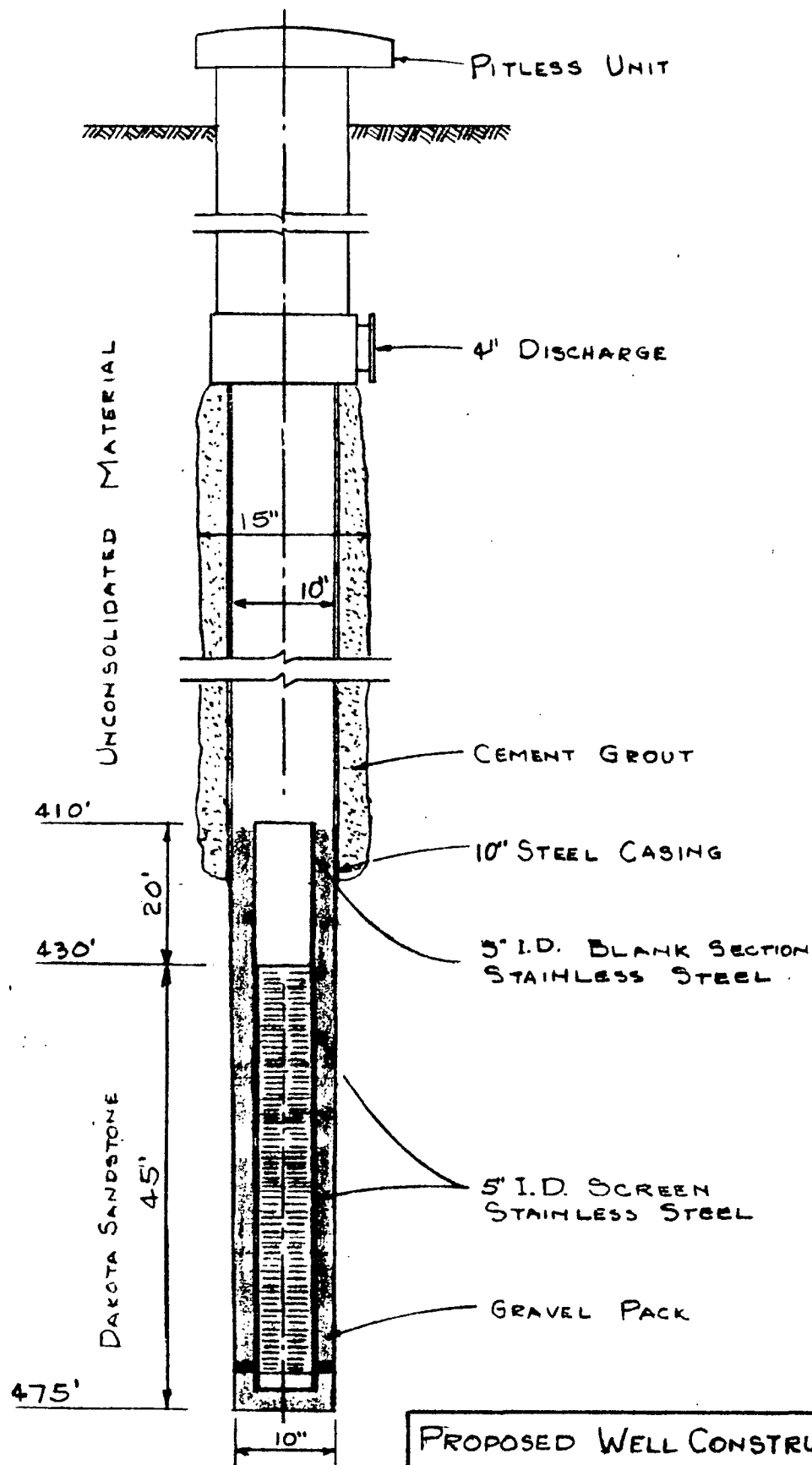


AS-BUILT WELL CONSTRUCTION
CITY OF CANTON, SO. DAK.

SCHMITZ-KALDA & ASSOC.
SIOUX FALLS, S.D.

JUNE, 1974
NO SCALE

Well #8



AS-BUILT ~ 1977 WELL

SKA

JULY 21, 1977

PROPOSED WELL CONSTRUCTION
CITY OF CANTON, SO. DAK.

SCHMITZ-KALDA & ASSOC.
SIOUX FALLS, S.DAK.

MARCH 1977
NO SCALE

No. 4312-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County Lincoln)

I, Marie Beitzel hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Sioux Valley News

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 Canton _____
County of Lincoln and State of South Dakota,
that the said notice was published in said newspaper on the following
two dates:

August 17, 1978

August 24, 1978

Marie Beitzel
(Signature)

Bookkeeper
(Title)

August 24, 1978
(Date Signed)

**NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER**

Notice is hereby given that the City of Canton whose post office address is Canton, 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 .43 cubic feet of water per second of time from groundwater (2 wells) through the Canton Wells No. 8 and Replacement Well No. 1, the points of diversion of which are to be located; as follows: Well No. 8 in NW1/4 NE1/4 and replacement Well No. 1 in the SE1/4 NE1/4 both in Section 23, Twp. 98N Range 49W. Said water to be used for the purpose of providing municipal water supplies for the City of Canton.

This Application No. 4311-3 will be considered by the Water Rights Commission at the 4-H Fairground Meeting Hall, West on Hwy. 16, Mitchell, SD upon the 13th day of September, 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.

WATER RIGHTS COMMISSION
Betty Westlund
Water Rights Specialist
(8-17; 24)



Publish first publication, on or before August 18, 1978

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

August 7, 1978

Notice is hereby given that the City of Canton whose post office

address is Canton, 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 .43 cubic feet of water per second of time from groundwater(2 wells)

through the Canton Wells No. 8 and Replacement Well No. 1, the point^s of diversion of which ~~are~~^{are} to be located;

~~xxxxxx~~ as follows: Well No. 8 in NW $\frac{1}{4}$ NE $\frac{1}{4}$ and replacement Well No. 1 in the SE $\frac{1}{4}$ NE $\frac{1}{4}$

both in

~~xxxx~~ Section 23, Twp. 98N Range 49W. Said water to be used for the purpose of providing ~~irrigation on portions of the following described land.~~

municipal water supplies for the City of Canton

This Application No. 4311-3 will be considered by the Water Rights Commission at the 4-H Fairground Meeting Hall, West/ on Hwy 16, Mitchell, SD upon the 13 day of September, 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

BETTY WESTLUND
Water Rights Specialist

cc: City of Canton, SD 57013

Water District

Report Of Examination Of Works And/Or Application Of Water To Beneficial Use

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

I have this day made a thorough examination of the water use system constructed by City of
Canton of _____ holder of
Permit No. 4312-3, bearing the priority of March 16 1966 authorizing
the diversion of 0.43 cu. ft. per second of the waters of Groundwater - Dakota
for Municipal purposes, in Lincoln County.

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

- A. Works used to divert the water: Well #1, 450 FT. deep, 15 Hp, 4" submersible, 125 gpm
Well #8, 475 ft. deep 20 Hp, 4" submersible, 140 gpm
- B. Works used to transport water to place of use:
Municipal Water system
- C. Works used to apply water to beneficial use: N.A.

The system is in the following condition GoodThe point of diversion is located Well #1, 1375 FT. South 8° West - Well #8 2175 FT. South
61° West of North East corner section 23 T98N-R49WThe works are capable of diverting and conveying to the place of use 0.59
cu. ft. per second of water which is to be used for Municipal use.

Water has been put to beneficial use to the maximum extent as follows: This permit was approved
for 140 gpm from Well #8 and an additional 55 gpm from well #1.
The water being withdrawn from well #1 is covered by water permits
No. 1262-3 and 4312-3 (0.15 cfs from No. 1262-3, priority 1936 & 0.12 cfs from
No. 4312-3, priority 3-16-66) Attached info should be incorporated into this license.

~~comprising a total of _____ acres of land and~~ the license should be issued for 0.43 + 0.15 cfs

Applicable permit qualifications have been complied with X Yes _____ NoExceptions to compliance are: _____ Date 5-5-85

Kevin C. Larson
(signature)



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Division of Water Rights
605 773-3352

No. 4312-3

September 9, 1985

Jan Boeckman, Finance Officer
City of Canton
PO Box 128
Canton, South Dakota 57013

Dear Ms. Boeckman:

The inspection of your water use system and inspection of the extent of the application of water to beneficial use, as developed under your Water Right No. 4312-3 has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the inspection and issuing of the Water License. Upon receipt of the \$50.00 fee from you, your Water License will be sent to you.

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

Sincerely,

Maxine Stirling
Staff Assistant

ms/

NOTE: On form of payment, please include the number of the water permit.
This insures proper handling of the fee.

SOUTH DAKOTA

VALIDATION OF (PARTIAL) VESTED WATER RIGHT CLAIM NO. 4312-3

Date Claim Accepted For Filing March 16, 1966.

Date of Validation September 27 1989.

Pursuant to SDCL 46-2A-17 the Water Management Board validated Vested Water Right Claim No. 4312-3 for the City of Canton, P O Box 128, Canton, South Dakota 57013 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 4312-3 appropriates 0.15 cubic feet of water from one well approximately 415 feet deep and located in the SE 1/4 NE 1/4, Section 23, T98N, R49W.
2. The appropriated water is used for supplying water for the City of Canton and may not exceed the amount of water needed for beneficial use for municipal purposes.

The water is to be used during the following annual period:
January 1 - December 31

3. The priority date of the Vested Water Right is: January 1, 1936.
4. The water use system has been constructed and water has been applied to beneficial use.
5. Water Rights obtained in compliance with the laws of the State of South Dakota must not be unlawfully impaired by this appropriation.

WATER MANAGEMENT BOARD

By: 
Chief Engineer
Division of Water Rights
Dept. of Water and Natural Resources

MAY 10 1991

date

South Dakota

GREAT FACES. GREAT PLACES.

MAY 10 1991

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

4312-3

John Anderson, Mayor
City of Canton
PO Box 128
Canton SD 57013

Dear Mayor Anderson:

The Water Management Board has validated the enclosed Vested Water Right Nos. 1262-2 and 4312-3. These validations give legal status to the claims and are the final documents for your vested rights.

As long as you use the water beneficially, as stated in the validations, State Water Laws provide that you have a continuing right to use the water.

Very truly yours,

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

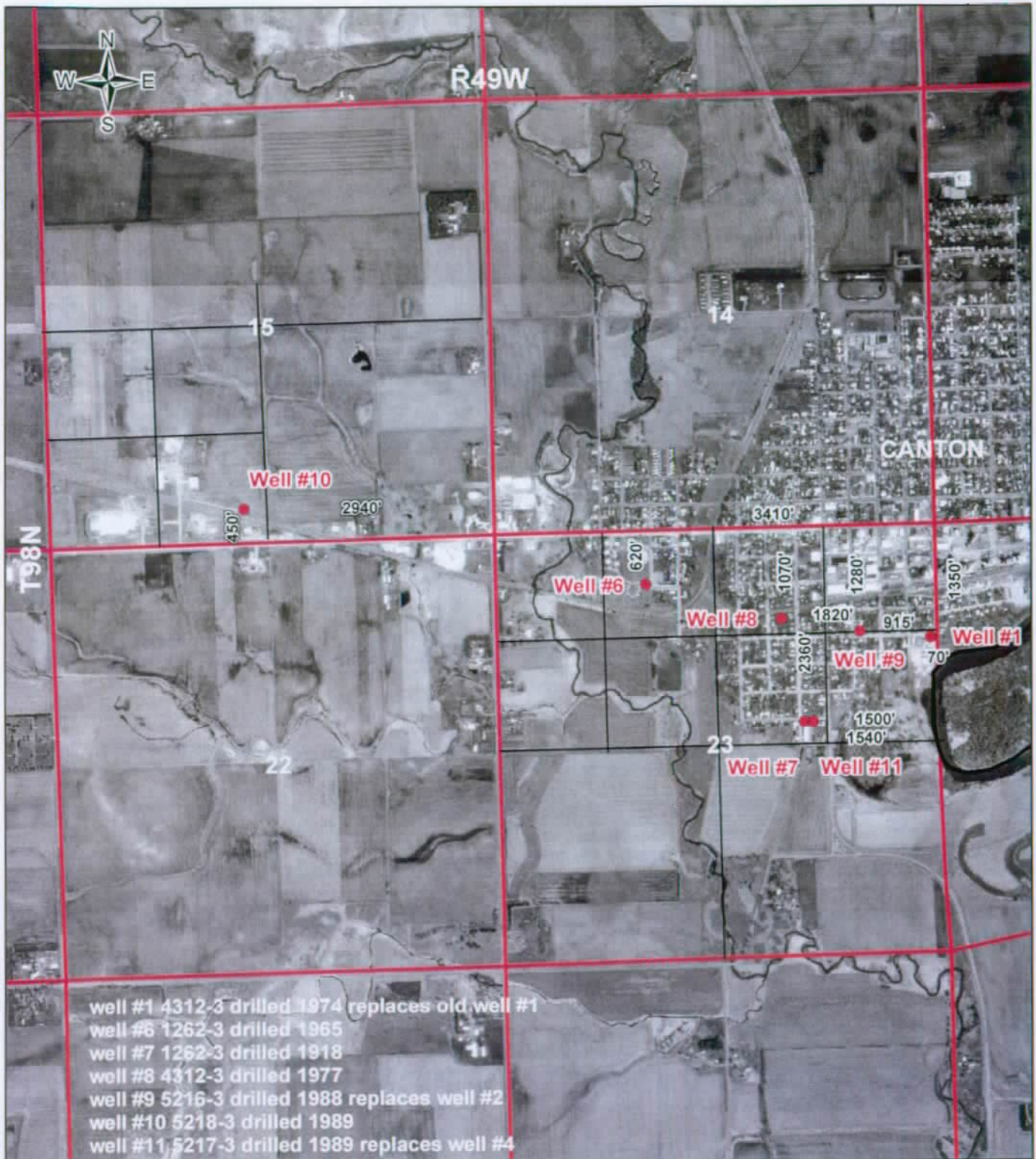
enclosure

City of Canton's Water Rights

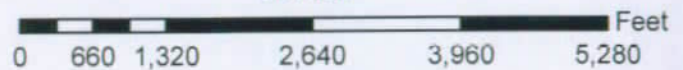
May 5, 2004

	Amount	Priority date	Permit where Priority date comes from	Licensed Under
Well # 1	0.12 cfs	3-16-66	4312A-3	6499-3
	0.15 cfs	1-1-36	4312B-3	
	<u>0.01 cfs</u>	3-16-66	6499-3	
	0.28 cfs = 126 gpm			
Well # 6	0.30 cfs = 134 gpm	3-16-66	1262A-3	1262A-3
Well # 7 standby well	0.22 cfs = 100 gpm	1-1-18	1262B-3	1262B-3
	capable of 250 gpm – throttled to 0.22 cfs			
Well # 8	0.31 cfs	3-16-66	4312A-3	6499-3
	<u>0.09 cfs</u>	3-16-66	6499-3	
	0.40 cfs = 180 gpm			
Well # 9	0.15 cfs	1-1-37	1262B-3	5216-3
	<u>0.52 cfs</u>	3-16-66	1262C-3	
	0.67 cfs = 300 gpm			
Well # 10	0.72 cfs = 325 gpm	8-25-88	5218-3	5218-3
Well # 11	0.11 cfs	1-1-50	1262B-3	5217-3
	<u>0.42 cfs</u>	3-16-66	1262C-3	
	0.53 cfs = 240 gpm			

WATER RIGHT NOS. 1262-3, 4312-3, 5216-3, 5217-3 & 5218-3 CITY OF CANTON



SCALE



Lynn Beck
 Lynn Beck
 Natural Resources Engineer Specialist
 DENR, Water Rights Program
 March 1, 2004



Application #4312-3

CITY
OF
CANTON
LINCOLN COUNTY
SOUTH DAKOTA

Well locations:

- No. 1 1350'S & 70'W of the NE corner Section 23, T98N, R49W (4312-3)
- No. 2 1260'S & 810'W of the NE corner Section 23, T98N, R49W (Abandoned)
- No. 3 1350'S & 2600 W of the NE corner Section 23, T98N, R49W
- No. 4 2340'S & 1570'W of the NE corner Section 23, T98N, R49W
- No. 5 1000'S & 850'E of the NW corner Section 24, T98N, R49W
- No. 6 620'S & 3410'W of the NE corner Section 23, T98N, R49W
- No. 7 2360'S & 1540'W of the NE corner Section 23, T98N, R49W
- No. 8 1070'S & 1820'W of the NE corner Section 23, T98N, R49W (4312-3)

Well Number	Well Location
No. 1	1350 SOUTH 70 WEST OF THE NE CORNER OF SECTION 23, T98N, R49W
No. 2	1260 SOUTH 810 WEST OF THE NE CORNER OF SECTION 23, T98N, R49W (ABANDONED)
No. 3	1350 SOUTH 2600 WEST OF THE NE CORNER OF SECTION 23, T98N, R49W
No. 4	2340 SOUTH 1570 WEST OF THE NE CORNER OF SECTION 23, T98N, R49W
No. 5	1000 SOUTH 850 EAST OF THE NW CORNER OF SECTION 24, T98N, R49W
No. 6	620 SOUTH 3410 WEST OF THE NE CORNER OF SECTION 23, T98N, R49W
No. 7	2360 SOUTH 1540 WEST OF THE NE CORNER OF SECTION 23, T98N, R49W
No. 8	1070 SOUTH 1820 WEST OF THE NE CORNER OF SECTION 23, T98N, R49W

REVISED - JULY 1978

I, D.C. KALDA, REGISTERED LAND SURVEYOR OF THE STATE OF SOUTH DAKOTA, DO HEREBY CERTIFY THAT I HAVE ON AND FOR JULY 21, 1978, MAPPED THE AREA AS SHOWN HEREON FOR THE PURPOSE OF WATER APPROPRIATION.
Dated this 21st day of July, 1978.

STATE OF SOUTH DAKOTA
COUNTY OF MINNEHAHA

ON THIS 21st DAY OF JULY, 1978, BEFORE ME THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, APPEARED D.C. KALDA, WELL KNOWN TO ME TO BE THE PERSON DESCRIBED ABOVE AND WHO ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING CERTIFICATE.

MY COMMEXION EXPIRES: July 1, 1979

Laith E. McSwick
NOTARY PUBLIC, S.D. DAK.

STATE OF SOUTH DAKOTA
COUNTY OF MINNEHAHA

ON THIS 21st DAY OF JULY, 1978, BEFORE ME THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, APPEARED D.C. KALDA, WELL KNOWN TO ME TO BE THE PERSON DESCRIBED ABOVE AND WHO ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING CERTIFICATE.

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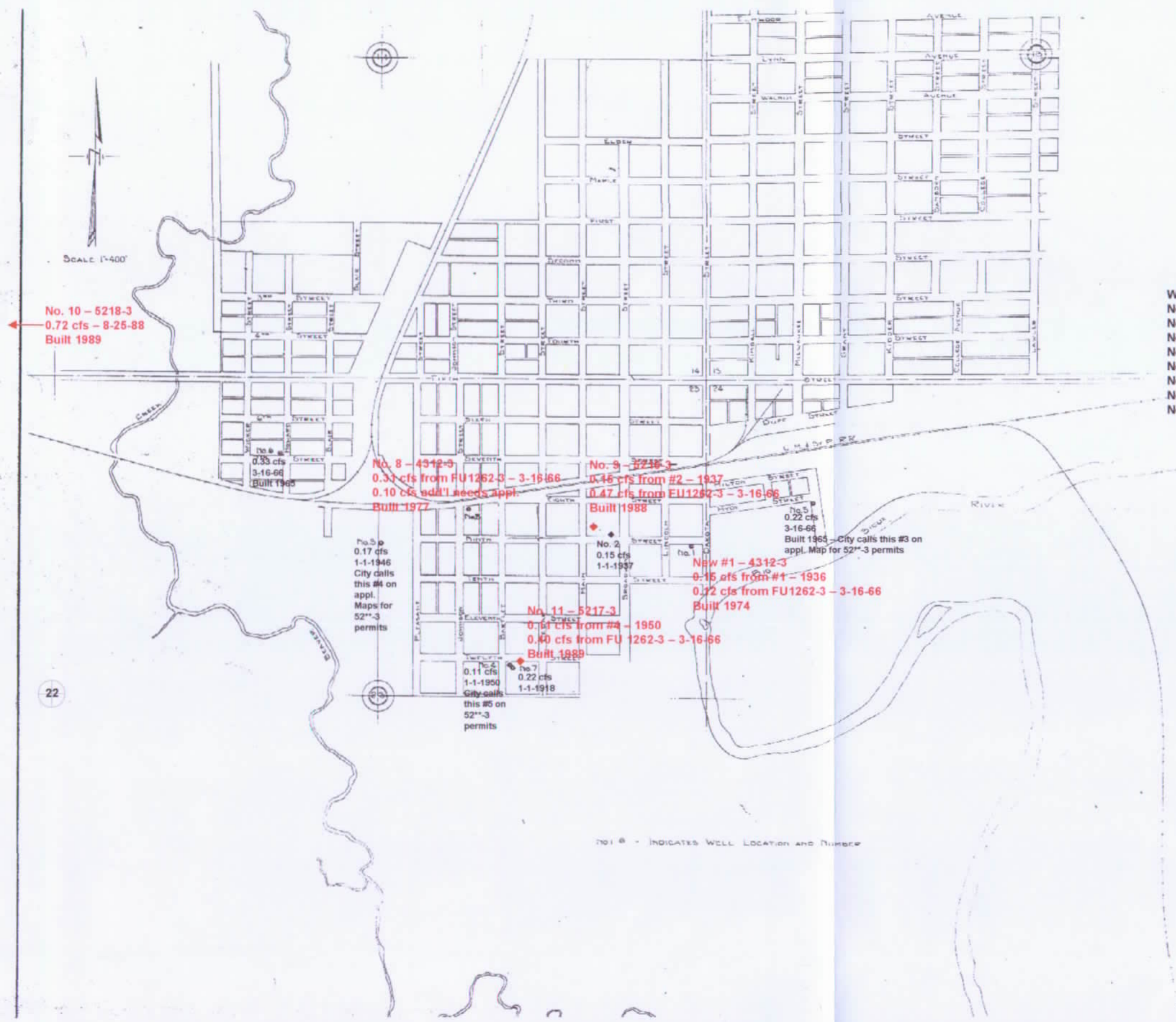
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Laith E. McSwick
NOTARY PUBLIC, S.D. DAK.



NO. 1 - INDICATES WELL LOCATION AND NUMBER

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6499-3

(1) City of Canton, 210 N Dakota St, Canton SD 57013 made Application No. 6499-3, April 2, 2004 for a water permit to divert 0.10 cubic feet of water per second (cfs) from groundwater (two wells), Lincoln County, South Dakota for municipal purposes. Permit No. 6499-3, with a priority date of March 16, 1966 (established by Future Use Permit No. 1262C-3) was approved June 1, 2004 and issued with construction of the described water supply system and the application to beneficial use of water completed.

Water Permit No. 4312-3 authorizes diversion of 0.58 cubic feet of water per second (cfs) from two wells. The vested right portion of the water permit was validated on September 27, 1989 for 0.15 cfs from well #1. The remaining 0.43 cfs diversion rate carries a priority date of March 16, 1966 as established under Future Use Permit No. 1262C-3.

An inspection of the wells authorized by Water Permit No. 4312-3 found them capable of diverting an additional 0.10 cfs. Water Permit No. 6499-3 authorized the increase in water appropriation from the two wells from 0.58 cfs to 0.68 cfs. The applicable portions of Water Permit No. 4312-3 are incorporated into Water License No. 6499-3.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, the holder and/or owner of Water Right No. 6499-3 is issued a license, bearing priority dates of January 1, 1936 (0.15 cfs) and March 16, 1966 (0.53 cfs) to appropriate a total of 0.68 cfs from Well #1 and Well #8.

Well #1 is located: 1,350 feet south and 70 feet west (SE ¼ NE ¼); Well #8 is located: 1,070 feet south and 1,820 feet west (NW ¼ NE ¼); both from the northeast corner of Section 23-T98N-R49W.

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 6499-3 including the following now applicable qualifications:

- The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The city of Canton shall report to the Chief Engineer annually the amount of water withdrawn from the Dakota Formation.

Garland Erbele

Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 23 2005

date

