

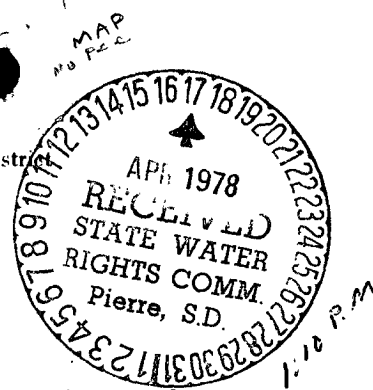
1. Considered MAY 25 1978
2. Name of Applicant CITY OF HURON
3. Post Office Address _____
4. Amount of Water claimed .95
5. Source of Water supply 89' & 82' DEEP WELL
6. Water to be used for MUNICIPAL USE (F.U. PERMIT #753-2)

Acres to be irrigated _____

7. Water to be diverted and used in BEADLE County
about 3 miles WEST of HURON
8. Proof of Publication Received 5-15-78
Not Received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action Deferred _____

10. Remarks:

3.05
JCH

No. 4269-3Map No. 3487-3 Water Division No. 3 JAMES RIVER District _____
(Blanks to be Filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

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

1. Name of Applicant City of Huron
Postoffice address Box 1369, Huron, State South Dakota
If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract
3. Name of diversion work West Well field
4. Amount of water claimed (cubic feet per second) 2.95
5. Source of water supply Three Wells, two existing--one new
6. Location of point of diversion West 1/2 of the NW 1/4, Sec. 9--T110N, R62W
(See attached drawing)
- County Beadle
7. Annual period or periods during which water is to be used Supplemental Supply--Emergency
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 0.25 ONE years. Additional time required to complete application of water to the proposed beneficial use 0.25 ONE years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Huron Daily Plainsman
12. Principal Features of the Proposed Water Supply System.

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

Three wells in West Well field

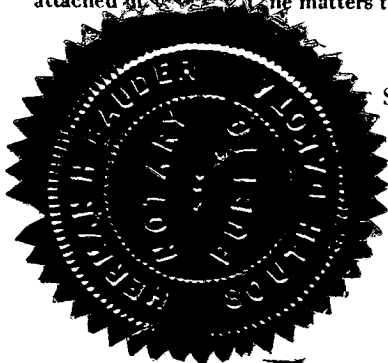
B. Works proposed to transport water to place of use.

16" Raw Water Supply Line from West City limits to City Water Treatment Plant

C. Works proposed to apply water to beneficial use.

City of Huron Water Distribution SystemEstimated Total Cost \$ 317,000Attachments: 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 Beadle) ss.I, Glenn B. Houseney, the applicant, certify that I have read the foregoing application and have examined the attached maps and the matters therein stated are true and that I intend, and am able to complete the necessary construction.Signed Glenn B. HouseneySubscribed and sworn to before me this 14 day of April, 1978.Sherman H. Bander
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4269-3 . CITY
CITY OF HURON %GLENN B. HOUSIAUX, ENGR.
(Applicant) (Post Office Address)
SOUTH DAKOTA With the following modifications:
(State) 57350

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

Priority for this Permit was established under Future Use Withdrawal No. 753-3. Development of this well reduces Permit No. 753-3 by .95 c.f.s., leaving 3.05 for Future Development.

Date of first receipt of application APRIL 17, 19 78
Date of return to applicant for correction, amendments or changes required _____, 19 ____
Date of receipt of corrected application _____, 19 ____
Approved MAY 25, 19 78, Recorded in Book 20 Page 19

WATER RIGHT PERMIT NO. 4269-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4269-3 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 DECEMBER 23, 19 60
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before NOVEMBER 25, 19 78
3. The whole of said work is to be completed on or before MAY 25, 19 79
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 25, 19 80
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 .95 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 ~~the~~ USED FOR MUNICIPAL PURPOSES served, and if for the irrigation purposes said appropriation must be limited to not more than ~~3~~ one acre foot per acre per year and be limited to not more than ~~one~~ one seven-tieth (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~~ applied for irrigation on or before MAY 25, 19 80; said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 1ST day of JUNE, 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 Two Existing Wells and one New Well
See Attached Drawing

(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.

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

Character of Water bearing materials See attached Well Logs 1 through 9

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Thickness of water bearing material _____

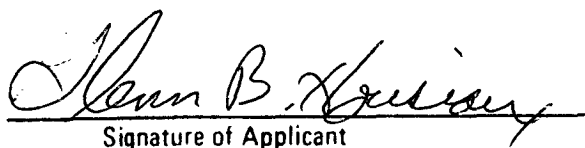
Depth to water (ground surface to water level) _____

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

On same owner's property _____ 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.


Signature of Applicant

No. 110-62-9bbba /

OTHER Nos. Permanent well
No. 4

WELL LOG

State South Dakota County Beadle Subarea _____

Owner City of Huron

Location _____

Drilled by Writtner Address. _____

Date 1934 Casing diam. _____ Land-surf. alt. _____

Source of data City engineer

(Enter type of well, perforations, yield, and drawdown at end of log)

[illegible]

RECORD BY _____ DATE _____

SHEET 2 OF 9
51753

No. 110-62-266a

OTHER Nos. Test 1c, 6

WELL LOG

State South Dakota County Beadle Subarea _____

Owner City of Huron

Location _____

Drilled by Crosch Drilling Co. Address Silver Creek, Nebraska

Date 7-1-59 Casing diam. _____ Land-surf. alt. 100

Source of data Driller's City

(Enter type of well, perforations, yield, and drawdown at end of log)

[illegible]

RECORD BY _____ DATE _____

SHEET 4 OF 9
51753

RECORD BY _____ DATE _____ SHEET 4 OF 7
51753

No. 110-62-9bbda5

OTHER NOS. Test H-25

WELL LOG

State South Dakota County Beadle Subarea _____

Owner City of Huron

Location _____

Drilled by city Address _____

Date 1934 Casing diam. _____ Land-surf. alt. 1

Source of data	City
1	1
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3	3
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5	5
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100	100

(Enter type of well, perforations, yield, and drawdown at end of log)

[illegible]

Publish first publication, on or before May 5, 1978

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

April 25, 1978Notice is hereby given that the City of Huron ~~where~~

~~the City of Huron~~, 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, ~~46-5-42~~ 46-5-38, ~~46-5-39~~, ~~46-5-40~~, Ground Water 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, ~~52:01:01:14~~ 52:01:01:21

from Future Use

thru 52:01:01:24, ~~for a~~ permit to appropriate for beneficial use .95 cubic feetof water per second of time from ~~the~~ groundwater (2 wells) throughthe West well field, the point of diversion of which isto be located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ and NE $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 9, Twp. 110N, Range 62W. Said water to be used for the purpose of providing ~~the City of Huron with water for its municipal water supply~~:

Municipal water supplies for the City of HuronThis Application No. 4269-3 will be considered by the Water Rights Commission

at their office at Pierre upon the 25th day of May, 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

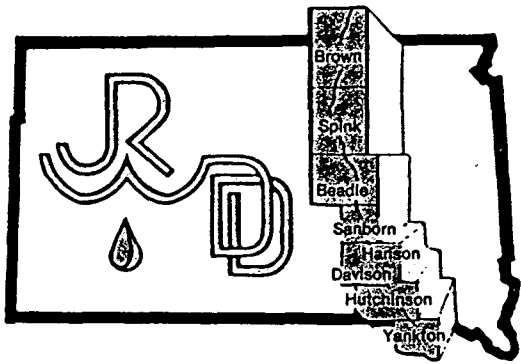
Betty Westlund
Water Rights Specialist

cc: **City of Huron, SD 57350**

4962-3

**James River
Water Development
District**

STAFF
Jerry Bledenfeld, Manager
Kathy Cronin, Office Manager
Terry Mills, Water Project Coordinator
City Hall P.O. Box 849
Huron, SD 57350
605-352-0600



BOARD OF DIRECTORS
DON BARBER-Mitchell
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W.J. "Joe" VAN DeROSTYNE-Aberdeen
IRVING WESSEL-Huron



May 8, 1990

Mr. John Hatch, Chief Engineer
Water Rights Division
Joe Foss Building
Pierre, South Dakota - 57501

Dear Mr. Hatch:

Thank you for the past assistance of you and your staff relative to James River water right needs.

Recognizing the potential drought problems, Huron's dependence on the James River for water, and a need to better define the water rights of Huron, the City of Huron has requested that we obtain a clarification on Huron's James River water rights.

As such, we are requesting your assistance by answering the following questions:

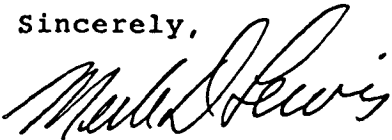
1. Please identify and explain Huron's water quantity rights to the James River. We would appreciate receiving a copy of Huron's water right as part of your answer.
2. We understand that the Bureau of Reclamation owns and holds in reserve certain water rights for the City of Huron. Please identify and explain those water quantity rights.
3. Please explain the necessary steps for Huron to take to get those water rights transferred to the City of Huron. As part of your answer, please explain any implications such a transfer would have on the "PRIORITY DATE" of the water rights.
4. Please identify and explain Sand Lake National Wildlife Refuge's water quantity rights to the James River. We would appreciate receiving a copy of Sand Lake National Wildlife Refuge's water right as part of your answer.
5. In the event that Sand Lake National Wildlife Refuge has water behind their dams, what obligation do they have to allow water to free flow to satisfy Huron's direct or indirect water rights?

6. If Huron is in need of water to fulfill their direct or indirect water rights, can Sand Lake store James River flows before Huron's water right is fulfilled?
7. What is the correlation between South Dakota James River water rights and James River water withdrawals that take place in North Dakota?
8. What protection does South Dakota James River water right holders have against people in North Dakota making withdrawals to the detriment of South Dakota water right holders?
9. Please explain the necessary steps required to allow upstream irrigators to pump water into the James River to supplement Huron's and Dakota Pork's water needs.
10. Would the Department of Water and Natural Resources staff support such an initiative?

John, the City of Huron needs this information to explore possible options for future actions to meet the basic needs of its citizens under a continuing drought cycle. The present condition of the James River, due to the past three years of drought conditions, have prompted the need to seek possible future water solutions and alternatives.

Your assistance in providing this information by May 22, 1990, will enable Huron to begin taking the necessary steps to plan for their future water needs. If you need additional information, you can contact me direct at 352-8411, or through Jerry Biedenfeld at 352-0600.

Sincerely,



Merle D. Lewis, Chairman
James River Water Development District

cc: Norm Ambrosius, Huron Water Commissioner
JH0502

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County _____)

FIRST PUBLICATION

Brenda Haskett

I, _____ hereby

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

Water was taken from the Huron Daily Plainsman

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 Huron

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

5-5-78

5-5-78

5-12-78

Brenda Haskett
(Signature)

Bookkeeper

(Title)

5-5-78

(Date Signed)

F.P. 5-5-78 L.P. 5-12-78
**NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER**
Pierre, South Dakota 57501
April 25, 1978

Notice is hereby given that the City of Huron, 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, 46-5-38, 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, 52:01:01:21 thru 52:01:01:24, from Future Use permit to appropriate for beneficial use .95 cubic feet of water per second of time from groundwater (2 wells) through the West well field, the point of diversion of which is to be located in the NE 1/4 NW 1/4 and NE 1/4 SW 1/4 of Section 9, Twp. 110N, Range 62W. Said water to be used for the purpose of providing Municipal water supplies for the city of Huron.

This Application No. 4269-3 will be considered by the Water Rights Commission at their office at Pierre upon the 25th day of May, 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
No. 248 (adv.)





Department of Water & Natural Resources

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

May 25, 1990

Merle D. Lewis, Chairman
James River Water Development District
P.O. Box 849
Huron SD 57350

Dear Mr. Lewis:

I am writing you in response to your letter of May 8, 1990. The following are answers to your questions:

1. The City of Huron has the following water rights:

A) SURFACE WATER:

Water Right No.	Priority Date	Remarks
9-3	April 22, 1914	allows diversion of 5 cubic feet of water per second (cfs) from the James River
9-3A	March 31, 1950	allows 5 cfs diversion from the James River, in addition to No. 9-3
755-3	December 23, 1960	for storage of 600 acre-feet (AF) annually in 3rd Street dam
1022-3*	1936	for storage of 2600 AF annually in 3rd Street dam
2049-3	February 13, 1974	for 2 cfs from the James River during the months of April, May and June when flows are available for irrigation of golf course and for storage of 90 AF annually in Ravine Lake

* Vested Water right claim which has not been validated by the Water Management Board pursuant to SDCL 46-5-49.

May 25, 1990
Merle D. Lewis, Chairman
Page 2

B) GROUNDWATER:

565-3	January 14, 1955	for 2.0 cfs
753-3	December 26, 1960	reserves 4.0 cfs for future use
4296-3	December 26, 1960	uses 0.95 cfs of 4.0 cfs reserved under Future Use Permit No. 753-3
4962-3	December 26, 1960	3.05 cfs, the remainder of water reserved by Future Use Permit No. 753-3

2. The Bureau of Reclamation holds Water Right No. 1027-3 for storage of James River water in the James Diversion Dam as follows:

Transferred 280 acre feet of storage from Vested Water Right Claim No. 1022-3, 3rd Street Dam, to storage in the James Diversion Dam with a priority date of 1936.

Transferred 2100 acre feet of storage from Vested Water Right Claim No. 1023-3, Spink County Dam, to the James Diversion Dam with a priority date of 1937.

2495 acre feet of new storage in the James Diversion Dam with a priority date of March 28, 1963.

Water Right No. 1027-3 requires 20 cfs of inflow to the reservoir to be bypassed for downstream domestic use.

3. The water is stored by the Bureau of Reclamation for the City of Huron. Transfer of the Water Right can be accomplished, without any affect on the priority date, by filing a transfer form and the necessary fees with the Division of Water Rights. Since there may be a contract between the City of Huron and the Bureau of Reclamation, the Bureau of Reclamation would have to agree to any transfer.
4. U.S. Withdrawal No. 1-3, for the Sand Lake National Wildlife Refuge, was filed with the State Engineer on October 30, 1934. The water right claims all the flows of the James River and its tributaries lying within the boundary of Brown County, South Dakota. After construction, the examination of works for the water right stated that Houghton and Columbia Dams provided for water use on 11,347 acres, a total storage of 27,021 acre feet and a total seasonal use of 34,041 acre feet. A certificate of construction of works and appropriation was issued by Dean Loucks, State Engineer, on May 22, 1945, for a maximum amount of 34,041 acre feet during the period of January 1 to December 31, with a

priority date of October 16, 1934. A second certificate of construction of works and appropriation was issued by Dean Loucks on June 12, 1945, for an annual amount of 61,062 acre feet which we believe replaced the May 22, 1945 certificate.

In 1952, the Bureau of Reclamation inquired about the actual quantity of water granted by U.S. Withdrawal No. 1-3. On April 12, 1952, the State Engineer, Dean Loucks, sent a letter to the Honorable W. J. Burke, Regional Counsel of the Bureau, relative to the inquiry. Mr. Loucks arrived at 30,740 acre feet as the approximate amount. He also stated that this was not a clear cut figure but represents as nearly as possible the amount of water required to operate the refuge.

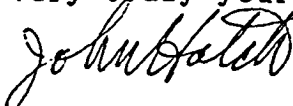
US Withdrawal No. 1-3 allows the US Fish and Wildlife Service to fill Sand Lake Wildlife Refuge annually to the outlet elevations of Houghton and Columbia Dams. In addition, US Withdrawal No. 1-3 also authorizes irrigation of 5,927 acres of habitat area up to 3 acre feet of water per acre.

5. Sand Lake Wildlife Refuge has no obligation to release water that was legally stored to satisfy US Withdrawal No. 1-3. If there are inflows from the James River to the Refuge, these inflows or portions of the inflows may have to be bypassed.
6. The City of Huron Water Right Claim No. 9-3 for 5.0 cfs is senior to Sand Lake Wildlife Refuge Water Right. Therefore, Sand Lake should bypass 5.0 cfs. However, the travel time and river conditions from Sand Lake to Huron makes this bypass impractical in most cases.
7. I am not sure what you mean by correlation. The more water that is held or withdrawn in North Dakota, the less water that will be available for South Dakota.
8. There is no compact agreement between South Dakota and North Dakota.
9. Any proposal to pump groundwater into surface water would have to be made through an application. The application would be processed in the same manner as any other water permit application. There is a "best use of water" problem with pumping groundwater into a surface reservoir where up to 50% of the water can be lost to evaporation.
10. We have not supported pumping groundwater to a surface water supply in the past, nor has the Water Management Board.

May 25, 1990
Merle D. Lewis, Chairman
Page 4

If you have any other questions, please contact us.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John Hatch".

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

SOUTH Dakota Department of
Water & Natural Resources

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

May 25, 1990

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P.O. Box 849
Huron SD 57350

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7. I am not sure what you mean by correlation. The more water that is held or withdrawn in North Dakota, the less water that will be available for South Dakota.
8. There is no compact agreement between South Dakota and North Dakota.
9. Any proposal to pump groundwater into surface water would have to be made through an application. The application would be processed in the same manner as any other water permit application. There is a "best use of water" problem with pumping groundwater into a surface reservoir where up to 50% of the water can be lost to evaporation.
10. We have not supported pumping groundwater to a surface water supply in the past, nor has the Water Management Board.

May 25, 1990
Merle D. Lewis, Chairman
Page 4

If you have any other questions, please contact us.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John Hatch".

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

Water Permit No. 4269-3
James River - Water District

Report of Examination of Works and/or Application of Water to Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, **June 14, 2012**, made a thorough examination of the water use system constructed by the **City of Huron** of **PO Box 1369, Huron, SD 57350** holder of Permit No. **4962-3**, bearing the priority of **December 23, 1960** authorizing the diversion of **0.95** cu. ft. per second (cfs) of the waters of the **Warren:West James Aquifer** for **Municipal** purposes, in **Beadle** County.

Inspection contact & relationship to permit holder, if applicable: **Mike Wever, City Engineer**

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: **Huron Drilling Inc.**
- 2) No. of Wells **1**
- 3) Depth(s) **80** feet
- 4) Well log(s) is available **Y**

Well #10

Casing:

1. Diameter **16** inches
2. Length **60** feet
3. Type **Plastic**

Screen:

1. Type **Stainless Steel**
2. Length **25** feet

Pump:

1. Make **Grundfos**
2. Model **625S150**
3. Capacity **625** GPM
4. Size **15** hp

B. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period NA
- 3) Exceptions to compliance are: None

The system is in Good condition with the point(s) of diversion located as follows:

Well #10:

Approximately 1,800 feet south and 750 feet east of the NW corner of Section 9-T110N-R63W
(N 44.35132, W -98.29243) (SW ¼ NW ¼)

The works are capable of diverting and conveying to the place of use 0.95 cfs of water which is to be used for Municipal use.

The license should be issued for 0.95 cfs

All structures, wells and lands on map Y

Comments or other permit(s) associated with the project:

Water Permit No. 4269-3 authorizes the diversion of 0.95 cfs of water from three wells for municipal use reserved by Future Use Permit No. 753-3. Future Use Permit No. 753-3 authorizes a total appropriation of 4.0 cfs from the Warren:West James management unit. Water Permit No. 4269-3 reduces the permit value authorized by Future Use Permit No. 753-3 by 0.95 cfs. Water Permit No. 4962-3 authorizes the remaining appropriation 3.05 cfs covered under Permit No. 753-3.

At the time of the inspection, only Well #10 was being used to divert water under this permit. The two other wells do not have pumps installed and are capped.



Mike DeFea
Natural Resources Engineer
DENR, Water Rights Program

Date Report Completed: September 3, 2014

HOLE #10 PRODUCTION WELL

HURON DRILLING INC. DRILLERS LOG Huron, SD

PAGE NO. 1

City of Huron JOB NAME		NW¼-NW¼-SE¼-NW¼-9-110-62 Beadle County LOCATION		5-2-1983 DATE	24 RIG NO.	Karl Osberg FOREMAN
Jt No.	DEPTH	TIME	REMARKS			
1	10	2:10	0-2 Top Soil			
2	20	3:00	Yellow Clay			
3	30	5:25	17-51 Blue Clay with sand & gravel			
4	40	8:45 A.M.	51-52 fine sand			
5	50	8:30 P.M.	52-60 fine sand with little coal -5" water loss			
6	60	9:45	60-70 fine sand with coal -5" water loss			
7	70	12:05	70-75 fine sand with coal -5" water loss			
8	80	1:00	75-78 medium sand with coal-5" water loss			
			78-80 Shale			

HOLE #10 PRODUCTION WELL
5738

Huron, SD

WELL REPORT

HURON
DRILLING CO.
Huron, S. D.

Beadle County

NW¼-NW¼-SE¼-NW¼-9-110-62

May 2, 1983

City of Huron
OWNER

DESCRIPTION

DATE

CASING LOG

Depth 80 ft.

Flows gpm 53 ft. 16" Plastic pipe to 53 ft.

Pumps gpm 25 ft. 18" Johnson pipe to 78 ft.
Stainless Steel Screen (70 Slot)

Head ft. 2 ft. 16" Plastic pipe to 80 ft.

25' Johnson SSScreen @Bottom

Perforations

ft. pipe to ft.

Pressure

53-78

REMARKS

2 Days

Drilling Time

13 Ton Gravel 2 1/2 Yards Concrete
(70 Slot)

Rig No. 23

1-15 ft. length of 18" Stainless Steel Screen
(70 Slot)

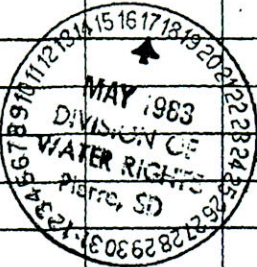
Karl Osberg

Foreman

1-10 ft. length of 18" Stainless Steel Screen
(70 Slot)

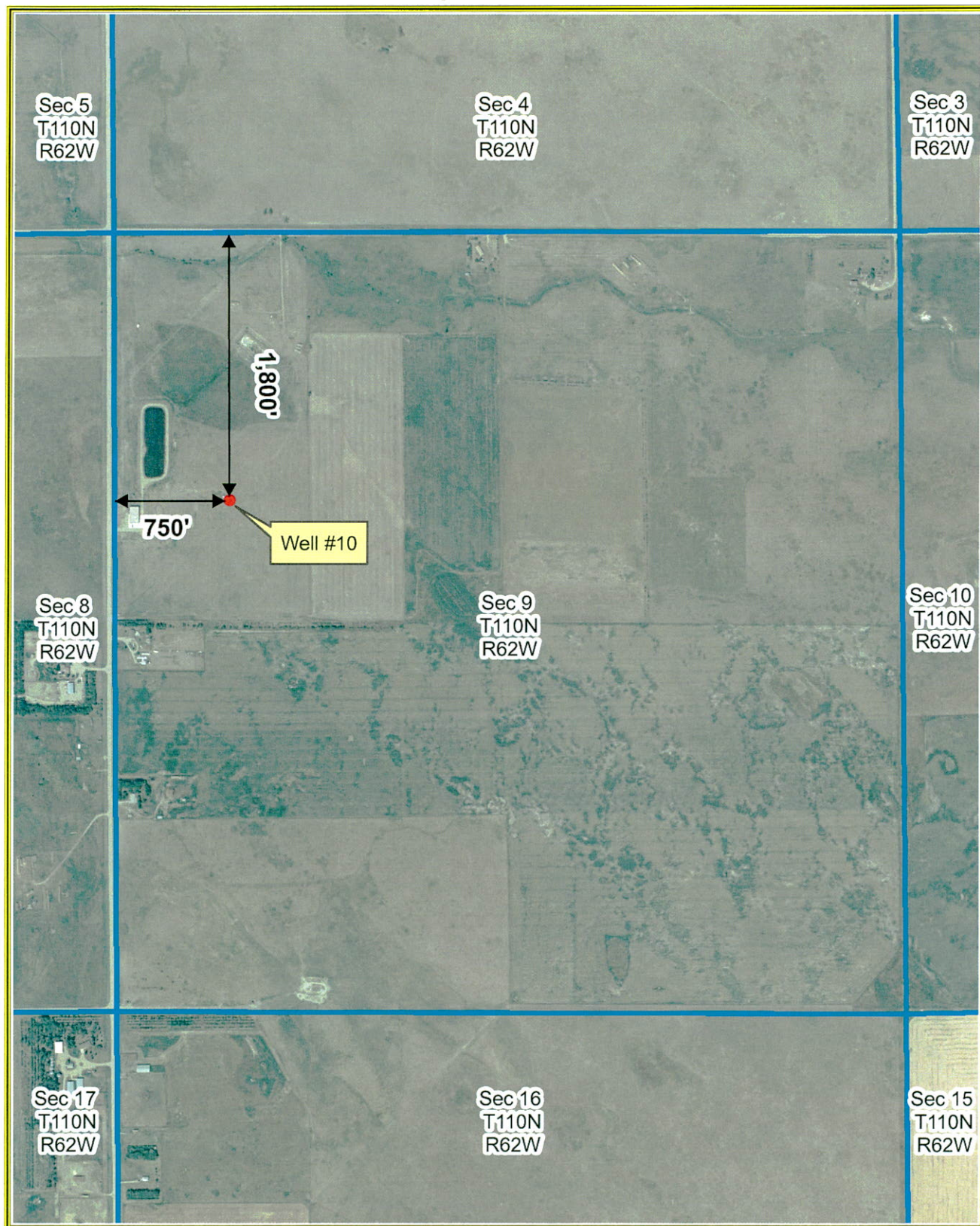
jk

2 x 4 Centralizers



John Osberg - Foreman
2 x 4 Centralizers

Water Permit No. 4269-3
City of Huron



0 0.125 0.25 0.5 Miles

Mike DeFea

Mike DeFea
Natural Resources Engineer
DENR, Water Rights Program
September 3, 2014



South Dakota
Department of Environment
& Natural Resources
Protecting SD's Tomorrow... Today



**DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov



September 4, 2014

4269-3
4962-3

Mike Wever, City Engineer
City of Huron
PO Box 1369
Huron SD 57350

Dear Mr. Wever:

An investigation conducted for licensing purposes of the water use systems utilized under Water Permit Nos. 4269-3 & 4962-3 was completed by Mike DeFea, a staff engineer with our program. The final water right document, the water license, can now be issued for both water permits.

State law requires that we charge a \$50.00 fee for the investigation and issuance of each water license. Upon receipt of the \$100.00 fee from the city, we will complete processing the water licenses. The check or money order for the fee should be made payable to the "Water Rights Program".

The licensed water rights will be similar to a property right that can not be lost as long as the water use continues and you abide by the permit requirements.

If you have any questions regarding the water permits, the investigation of the water use systems or payment of the fee, please contact me.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 9/17, 2014

RECEIVED OF City of Huron PO Box 838 Huron SD 57350

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	50	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>4269-3</u>		
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No. **06951**

By Leanne Hoelmer
Chief Engineer



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov



SEP 24 2014

4269-3

4962-3

Mike Wever, City Engineer
City of Huron
PO Box 1369
Huron SD 57350

Dear Mr. Wever:

Enclosed are Water License Nos. 4269-3 and 4962-3. They are the final water right documents completing the process of obtaining Water Rights. Included with each license is a map prepared by the staff engineer who conducted the field investigation. Also enclosed are the receipts for the licensing fees.

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. 4269-3 and 4962-3, 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, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 4269-3**

(1) The City of Huron, PO Box 1369, Huron SD 57350 made Application No. 4269-3, April 17, 1978 for a water permit to divert 0.95 cubic feet of water per second (cfs) from ground water (three wells, Warren West James Aquifer), Beadle County, South Dakota for municipal purposes. Permit No. 4269-3, with a priority date of December 23, 1960 (established under Future Use Permit No. 753-3) was approved May 25, 1978 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 25, 1979 and for the application to beneficial use of said water on or before May 25, 1980.

Future Use Permit No. 753-3, with a priority date of December 23, 1960, reserved a total appropriation of 4.0 cfs from the Warren West James Aquifer. Water Permit No. 4269-3 authorized development and placement to beneficial use 0.95 cfs of the reserved water.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.95 cubic feet of water per second for beneficial use.

The location of the diversion point (Well #10) is approximately 1,800 feet south and 750 feet east of the NW corner of Section 9, T110N, R63W (SW ¼ NW ¼).

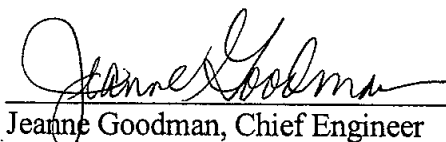
The investigation of the water use system found only one of the original wells being used. The remaining two wells no longer have pumps installed and are capped.

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use.

(4) Pursuant to South Dakota Water Law 46-5-30.1 the City of Huron, PO Box 1369, Huron SD 57350 the holder and/or owner of Water Right No. 4269-3 is issued a license to appropriate water, the right to use 0.95 cubic feet of water per second from ground water (one well, Warren West James Aquifer) with a priority date of December 23, 1960 from the location specified in (2) of this license for municipal purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 4269-3 and subject to the following qualifications:

- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- Priority for this Permit was established under Future Use Permit No. 753-3. Development of this well reduced Permit No. 753-3 by 0.95 cfs leaving 3.05 for future development. *The remaining 3.05 cfs reserved under Future Use Permit No. 753-3 has been developed under Water Permit No. 4962-3.*



Jeanne Goodman, Chief Engineer
Water Rights Program

Department of Environment and Natural Resources

SEP 24 2014

date

