

Considered: _____

WATER PERMIT NO. VR-5417-3

Ph# 437-2444

HAP No. _____

Name of Applicant City of Herreid

Post Office Address Box 321 Herreid, South Dakota 57632

Amount of Water Claimed 0.17 cfs Total Acres -

Source of Water Supply 2 groundwater wells

Water to be used for municipal County Campbell

About - miles - of Herreid

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

F.F. & C.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY _____ Date Received _____ Fee \$15⁰⁰ Remarks Vested

Right Claim

Corrected Application Received _____ Period of Annual Use _____

WATER QUALITY APPROVAL RECEIVED N/A APPROVED/CONDITIONAL (Circle one)

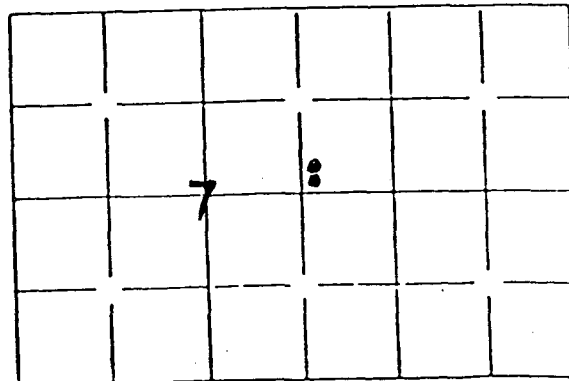
WI-1 Description same as Application YES _____ NO _____ REMARKS _____

Diversion Point Well - 2254'S 1100'W of NE corner

Section 7-T127N-R76W. 2 well 2136'S 1100'W

of NE corner of Section 7-T127N-R76W

Land to be Irrigated _____



Well Log: Driller 1 Huron Drilling 1984
& Huron Drilling 1980

Licensed YES X NO _____

Depth of Well 230' REMARKS _____

Type of Map Aerial PREPARED BY Rasool Ahadi Reviewed and the Number

assigned on 3/23/90 By Eric Gustafson

No. VR5417-3 Hydrologic Unit 10130102
 Map No. _____ Basin Missouri River
 Newspaper Pellack/The Prairie Pioneer Box 218 57648

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use of water: Industrial ☐ Commercial ☐ Municipal ☒ Other Common Distribution System ☐
 Rural Water System ☐ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☐
 Domestic ☐ (above 18gpm) Other ☐

Type of Application: Check one or more of the following

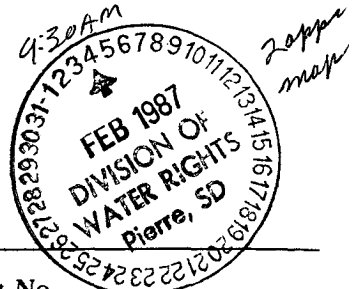
New ☒ / Vested Right ☒ Future Use ☐ Change Use ☐

☐ Amend Permit No. _____ with old priority date retained

Change diversion point(s) ☐ Add diversion point(s) ☐ Other ☐

☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____

☐ Construction to use water reserved by Future Use Permit No. _____



- Name of Applicant City of Haverd Phone No. 437.2444
 Post Office Address Box 321 State SD 57632
(Street, RR or Box) Zip Code
- Amount of water claimed (c.f.s) 7.5 G.P.M. 1.17 cfs
- Source of water supply (2) wells
- Location of point of diversion T127 R76SE1/4NE1/4NW1/4 of sec. 7.
T127N-R76W
 County Campbell
- Counties where water will be used Campbell
- Annual period during which water is to be used January 1 - December 31
Full year 12 Months
- Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA)
 County of _____)

I, Jessie Heister the applicant, certify that I have read the foregoing application, 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 Jessie Heister

Subscribed and sworn to before me this 3 day of February 1987

My Commission Expires 6-15-91

Cecilia Tabre
 Notary Public (or other qualified officer)

WATER PERMIT

The Water Management Board hereby approves Water Permit Application No. _____

(Applicant)

(Post Office Address)

(State)

(Zip Code)

With the following qualifications.

Date of first receipt of application _____, 19____.

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

Date of receipt of corrected application _____, 19____. Approved _____, 19____.

The Water Management Board hereby approves this Water Permit No. _____ authorizing the construction of the water use system and the placing of water to beneficial use as stated in the Application and as qualified in the Water Permit approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is _____, 19____.
2. The equivalent of at least one-fifth of the specified work is to be completed on or before _____, 19____.
3. The whole of said work is to be completed on or before _____, 19____.
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is _____, 19____.
5. The water appropriated shall be used for the purpose of _____

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 unlawfully impaired by this appropriation.
7. The amount of the appropriation herein granted shall not exceed _____ 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 to which water is actually and beneficially applied for _____ on or before _____, 19____; said water to be used during the following described annual period: _____

WATER MANAGEMENT BOARD

By: _____
Chief Engineer

Division of Water Rights
Dept. of Water and Natural Resources

_____, 19____

SOUTH DAKOTA

VESTED WATER RIGHT NO. 5417-3

Date of Receipt of Claim February 7, 1987.

Date of Validation May 24, 1990.

The Water Management Board validated Vested Water Right Claim No. 5417-3 for the City of Herreid, Box 321, Herreid, SD 57632 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 5417-3 appropriates 1.17 cubic feet of water per second (cfs) from 2 existing wells each 230 feet deep located in the SE1/4 NE1/4 of Section 7 T127N-R76W.
2. The appropriated water is used for the city's water supply 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: October 4, 1948.
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: John H. Hatcher

Chief Engineer

Division of Water Rights

Dept. of Water and Natural Resources

SEP 13 1990

date

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter 10 in Depth 230
- b) Casing Type plastic Diameter 10 in Thickness 1/2
- c) Screen Type stainless steel Diameter 10 in Thickness 1/4
- d) Gravel Pack Thickness 14 in Length of Gravel Pack 40 ft
- e) Depth to Top of Water Bearing Material 60 ft.
- f) Depth to Water (ground surface to water level) 39 ft.
- g) Distance to nearest existing domestic well: None.
- On applicants property City of Henroid On property owned by others _____

2. Dugout Information Estimates

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity _____
Spillway width _____

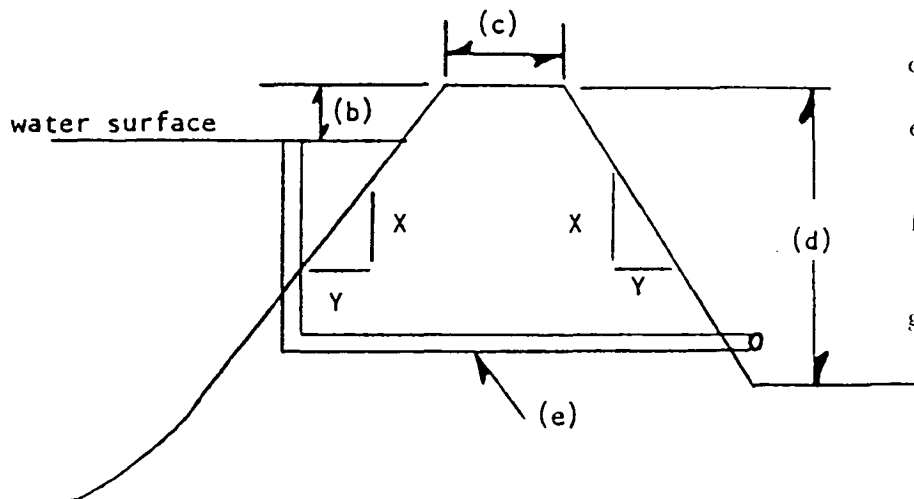
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant

Water Comm.

Supplemental Information

well # 2

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter 10 in Depth ~~280~~ 230
- b) Casing Type plastic Diameter 10 in Thickness 1/2
- c) Screen Type stainless steel Diameter 10 in Thickness 1/4
- d) Gravel Pack Thickness 14 in. Length of Gravel Pack 40 ft
- e) Depth to Top of Water Bearing Material 60 ft
- f) Depth to Water (ground surface to water level) 39 ft.
- g) Distance to nearest existing domestic well: None.
- On applicants property City of Herreid On property owned by others _____

2. Dugout Information Estimates

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity _____
Spillway width _____

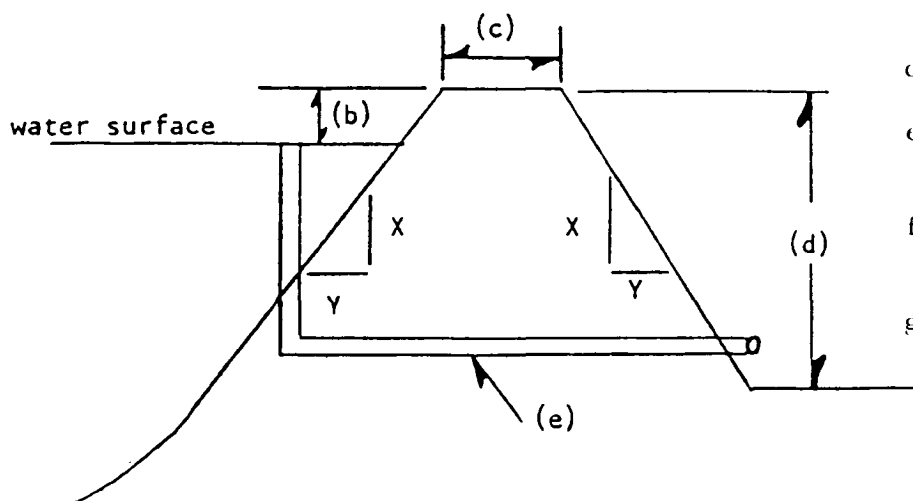
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant

Water Comm.

STATE OF SOUTH DAKOTA

VESTED RIGHT WATER LICENSE NO. 5417-3

(1) City of Herreid of Box 321 Herreid SD 57632 made Application No. 5417-3, February 7, 1987 for validation of a vested right claim to appropriate 1.17 cubic feet of water per second from groundwater (two wells), Campbell County, South Dakota for municipal purposes. Vested Water Right No. 5417-3 was validated May 24, 1990 with a priority date of October 4, 1948.

Construction of the described water supply system and application of water to beneficial use has been completed and complies with applicable provisions of South Dakota State Law.

(2) The applicant is entitled to divert 1.17 cubic feet of water per second for beneficial use. The location of the diversion points are 2136' S and 1100' W of the NE corner and 2254' S and 1100' W of the NE corner, Section 7, T127N, R76W (SE1/4 NE1/4)

(3) Pursuant to Section 46-5-30.1 the City of Herreid of Box 321, Herreid, SD 57632 the holder(s) and/or owner(s) of Vested Water Right No. 5417-3 is issued a license to appropriate 1.17 cubic feet of water per second from groundwater (two wells) with a priority date of October 4, 1948 from the location specified in (2) of this license. The water is to be used for the purpose of municipal use. This license is subject to any limitations, conditions or qualifications listed in Vested Water Right No. 5417-3 and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Division
Department of Water and Natural
Resources

SEP 13 1990

Affidavit of Water Use

No. _____

(Type or Print in Ink)

Note: This Form is supplemental to Form 2 and is to be used when an affidavit pertaining to construction and water use already constructed is needed, primarily with vested right claims.

Affidavit Of Construction Of Water Use System And Application Of Water To Beneficial Use

Name of Applicant (Same as Form 2) City of Herneid.

Post Office Address Box 321 SD 57632
(Street, RR or Box) (State) (Zip Code)

~~X~~ Notice of Appropriation _____ Date of Posting _____

Date of recording _____ Recording date _____
Where Book Page

B. Date of start of construction of water supply system Oct 1/ 1948

✓ C. Date that water was first applied to beneficial use Oct 20 - 1948

D. Name of owner of original water supply system City of Heroid

E. Amount of water originally applied to beneficial use 7.5 GPM 4/1

F. Present Use of Water - Amount of water now being used About 7.5 G.P.M.

Date that this water was first used _____

G. Chronological History of Water Use

Two New well have been dug one in about 1975 & one in 1984 to replace the old ones.

Attach to this Form 2B any copies of notices, postings, filings, publications, affidavits, or other records that apply. You may also attach any written statement by you, or by others, that you deem pertinent.

State of South Dakota)

County of Campbell) SS

x I, Edwin Schweidert the applicant, certify that I have read the foregoing
(print or type)
and that the matters therein stated are true.

Signed *[Signature]*

Subscribed and sworn to before me February 3, 1987

My Commission Expires 6-15-91

Cecelia Laine
Notary Public or other qualified officer

I, the undersigned do hereby certify that I know about the water use system described above, that I have read the foregoing, and that the matters therein stated are true.

(Print name) 19____

(Print name) _____ 19____

LICENSE FOR PERMIT NUMBER City of Herried1. Legal location of wells: S½ NE¼ Section 7, T127N-R76W (South well)dams & structures: NA2. Well Information: Well Drilling Firm Huron DrillingCompletion Report Yes X No No. of Wells 2 Depth 230 feet

Casing	a) diameter	<u>10 inches</u>	Screen	a) type	<u>Stainless steel</u>
	b) length	<u>170 feet</u>		b) length	<u>60 feet</u>
	c) type	<u>Polyvinyl Chloride (PVC)</u>	Static Water Level		<u>39 feet</u>
Pump	a) make	<u>Jacuzzi</u>	Motor	a) make	<u>Jacuzzi</u>
	b) model	<u>Submersible</u>		b) model No.	<u>Submersible</u>
	c) size	<u> </u>		c) horsepower rating	<u>30</u>
	d) capacity	<u>350</u> gpm			
	e) turbine pump - no. of stages	<u> </u>			
	f) operating PSI	<u> </u>			

3. Distribution lines or canals

a) size 8 inch to the water tower, 6 inch out of the tower.
 b) type Polyvinyl Chloride (PVC)
 c) length 60 feet

4. Dam Information:

a) height to crest <u> </u>	m) Outlet tubes:
b) height to primary spillway <u> </u>	1) diameter <u> </u>
c) height to secondary spillway <u> </u>	2) type <u> </u>
d) crest width <u> </u>	3) valved (Y/N) <u> </u>
e) crest length <u> </u>	4) valve type <u> </u>
f) spillway length <u> </u>	5) location on structure <u> </u>
g) spillway width <u> </u>	
h) approx. storage <u> </u>	n) Category of Dam <u> </u>
i) approx. storage to crest <u> </u>	
j) date constructed <u> </u>	
k) inspection sheet completed (Y/N) <u> </u>	
l) Name of Contractor <u> </u>	

5. System Type a) sideroll:

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

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

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

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

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

d) center pivot

- 1) make _____
- 2) number of towers _____
- 3) distance between towers _____
- 4) overall length _____
- 5) end gun (Y/N) _____
- 6) high or low pressure _____
- 7) make & size of nozzles _____
- 8) capacity (GPM) _____

g) siphons

- 1) size _____
- 2) number _____

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project _____

Yes	No	Check Items
___	NA ___	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
<u>X</u>	___	2. Special qualifications to permit being abided by?
<u>X</u>	___	3. All structures, wells and lands on map?
___	NA ___	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
___	<u>X</u>	5. Is chemigation used?
___	___	6. If yes, does equipment comply with chemigation rules?

REMARKS:

LICENSE FOR PERMIT NUMBER City of Herried1. Legal location of wells: S $\frac{1}{2}$ NE $\frac{1}{4}$ Section 7, T127N-R76W (North well)dams & structures: NA2. Well Information: Well Drilling Firm Huron DrillingCompletion Report Yes X No No. of Wells 2 Depth 230 feet downCasing a) diameter 10 inches Screen a) type Stainless steelb) length 170 feet b) length 60 feetc) type Polyvinyl Chloride (PVC) Static Water Level 39 feetPump a) make Jacuzzi Motor a) make Jacuzzib) ~~model~~ Submersible b) ~~model~~ No. Submersiblec) size c) horsepower rating 15d) capacity 175 gpme) turbine pump - no. of stages f) operating PSI

3. Distribution lines or canals

a) size 8 inch to the water tower, 6 inch out of the tower.b) type Polyvinyl Chloride (PVC)c) length 40\ feet

4. Dam Information:

a) height to crest m) Outlet tubes:b) height to primary spillway 1) diameter c) height to secondary spillway 2) type d) crest width 3) valved (Y/N) e) crest length 4) valve type f) spillway length 5) location on structure g) spillway width h) approx. storage n) Category of Dam i) approx. storage to crest j) date constructed k) inspection sheet completed (Y/N) l) Name of Contractor

5. System Type a) sideroll:

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

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

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

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

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

d) center pivot

- 1) make _____
- 2) number of towers _____
- 3) distance between towers _____
- 4) overall length _____
- 5) end gun (Y/N) _____
- 6) high or low pressure _____
- 7) make & size of nozzles _____
- 8) capacity (GPM) _____

g) siphons

- 1) size _____
- 2) number _____

NOTE:

For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project _____

Yes	No	Check Items
___	NA ___	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
X	___	2. Special qualifications to permit being abided by?
X	___	3. All structures, wells and lands on map?
___	NA ___	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
___	X	5. Is chemigation used?
___	___	6. If yes, does equipment comply with chemigation rules?

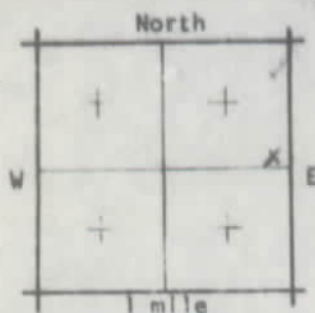
REMARKS:

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location SE 1/4 NE 1/4 Sec 7 Twp 127 Rg 76

County Campbell

Please mark well location with an "X"



Well Completion Date Aug 24 - 84

PROPOSED USE:

☐ Domestic ☒ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Reverse

WELL CONSTRUCTION:

Diameter of hole 6 inches Depth 230 feet

Casing: ☐ Steel ☒ Plastic ☐ Other

Specify _____

Pipe Weight Diameter From To
11 lb/ft 1 1/2 inches 0 feet 200 feet

11 lb/ft 1 1/2 inches 200 feet 230 feet

Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type 55 AWW Slot Size 60

Length 20 ft Diameter 1 1/2

Was Casing left open end? ☐ Yes ☒ No

Was a Packer or seal used? ☒ Yes ☐ No

If so what material? Benclite

Was well gravel packed? ☒ Yes ☐ No

Was well grouted? ☒ Yes ☐ No

Describe grouting procedure concrete on

outside of pipe with tremie line

To what depth? 0-80 feet

What was grouting material? concrete

If cement, how many sacks? 65

Location of packer(s) and screen or perforated pipe 180-80 200-230

WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No

If so how and with what material?

Well Owner:

Name John J. Herried

Address Herried SD

Well Log:

Depth

Formation

From

To

See attached
Log

STATIC WATER LEVEL 36' 3" Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped

60 GPM

☐ Bailed Describe: _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Report No:



This well was drilled under license # 94

and this report is true and accurate.

Herried Drilling Co. Inc. John J. Herried

Drilling Firm

Signed by

8-30-84

Date

Herried
9-24-84

PAGE NO.

A circular stamp from the Division of Water Rights, State of New Mexico. The text "SEP 1984" is in the center, with "DIVISION OF WATER RIGHTS" and "State of New Mexico" around it. A date stamp "SEP 1984" is also visible.

HURON DRILLING INC. DRILLERS LOG 1274-7640

PAGE NO.

City of Herried Herried, South Dakota 25 9/14/20
 JOB NAME LOCATION DATE RIG NO. FOREMAN

Dr No	DEPTH	TIME	REMARKS
	0-10	4:45	Top soil, sand
	10-20	5:00	14-20 Sandy blue clay
	20-30	5:30	Sandy blue clay and coal
	30-40	6:00	Sandy blue clay and coal
	40-50	6:30	Sandy blue clay and coal
	50-60	7:00	Sticky blue clay
	60-70	7:45	Sticky blue clay
	70-80	8:15	Sticky blue clay
	80-90	8:45	Harder blue clay
	90-100	9:15	Blue clay
	100-110	9:45	Sticky blue clay
	110-120	10:15	Blue clay
	120-130	10:45	Blue clay
	130-140	11:15	Blue clay
	140-150	11:45	Blue clay
	150-160	12:15	Blue clay
	160-170	12:45	Blue clay
	170-180	9:15	170-178 Blue clay
			178-180 Sand and gravel
	180-190	12:00	180-190 Coarse gravel and rocks
	190-200	12:45	190-197 Rocks and gravel, clay trace
			197-200 Blue clay
	200-210	1:15	200-205 Medium sand
			205-210 Coal, medium rock
	210-229	5:30	210-220 Coal and medium sand
			220-230 Coal and medium sand
	229-TD		230-233 Clay



2

(1) WELL CONSTRUCTION

Location of well: _____ 1/4 _____ 1/4 _____ Section 7 Township 121 Range 10

Well owner City of Harward Harward, SD
(Name) (Address)

Date well drilling completed 8/24/23 Purpose of well Municipal
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer	Depth ft. top of water producing aquifer _____ "
0 - 2	Top Soil	
2 - 7	Sandy Clay	Depth to static water level _____ 7' ft.
7 - 15	Sand & gravel	Name of producing aquifer (if known) _____
15 - 17	Gammelley Clay	Total depth of drill hole _____ 28 ft.
17 - 23	sand & gravel	Depth to bottom of casing _____ 28 ft.
23 - 28	Sand & clay	Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used. 22 " o.d. Kelly Concrete Casing 12 ft.
		Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations. 16 ft. 22 " o.d. Kelly Concrete Screen
		If a flowing well, flow of completed well _____ G.P.M.

Attach sheet if more space is needed

Engine Drilling Sailing Co. Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump Not installed by us HP _____ G.P.M. _____

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required. See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____, tube material _____.

Name of Pump Installation Contractor

WATER RIGHTS DIVISION
(605) 773-3352

February 23, 1987

Ed Schweigert, Water Commissioner
Town of Herreid
Box 321
Herreid, South Dakota 57632

Dear Mr. Schweigert:

This letter is in response to the City of Herreid Water Permit Application received on February 4, 1987. The following information is needed before the application can be processed:

1. An application fee of \$15.00 needs to be submitted _____
2. A copy of well log for the well drilled in 1984 by Huron Well Drilling is on file at our office. However, the well log states that the well is in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ and the map you submitted shows the well in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7-T127N-R76W. Please indicate which location is correct - - the log location or map location (see enclosed map and log).

Two other well logs for Herreid are also on file in our office. One well was completed by Empire Well Drilling in August of 1973 and one by Huron Drilling in September of 1980. Please inform us which of the logs describes the well currently used by the City(logs enclosed). After determining which log is correct, complete the attached Form 2A with the information off the well log.

Please remit the \$15.00 application fee and answer the questions regarding the well location and the correct well log (Empire or Huron Drilling log). Contact us if you have any questions.

Sincerely,

Ron Duvall
Natural Resources Engineer

RD:ms
Enc.

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

410759

Pierre, March 4, 19 87

RECEIVED OF City of Herreid, Box 321, Herreid, SD 57632

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

Fee for Application for Permit No. <u>5417-3</u> to Appropriate Water, to construct works and to put water to beneficial use	15	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. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	15 00

By John Hatch
Chief Engineer

JOHN HATCH

MIS



Department of Water & Natural Resources

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

August 2, 1989

Ed Schweigert, Water Commissioner
Town of Herreid
Box 321
Herreid, SD 57632

Dear Mr. Schweigert:

This letter is in response to our August 2, 1989 telephone conversation concerning the water permit application filed for the City of Herreid in 1987. I am enclosing past correspondence, and a copy of the application, map and well logs originally submitted.

To date, we still need to know which well logs correctly describe the wells currently utilized by the city. After determining which well logs are correct, Form 2A (Well information sheet) needs to be completed.

Regarding the map, if you could mark the location of the wells on a city plat map, this would be more accurate than the topographic map we have on file with the "X". The location of the wells should be described in relation to a government section corner or quarter corner by direction and distance. The map must be signed by one of the following: 1) Registered Land Surveyor, 2) Registered Professional Engineer or 3) any other government employee who normally prepares maps as part of his assigned duties (SCS, ASCS etc).

During our telephone conversation, you indicated the city had abandoned the use of one of their three wells. Just a reminder, if you have no plans to use the well in the future, the well is considered abandoned and must be plugged. If you think you may use the well in the future (i.e., fire protection) you do not need to plug the well, however, the well must be sealed or capped at the ground surface to prevent contamination of the groundwater. *this is sealed*

If you have any questions, please contact either myself, Susan Bowar or Ron Duvall at 773-3352.

Sincerely,

GENNY MCMATH
Natural Resources Analyst

enclosures



SOUTH Dakota Department of
Water & Natural Resources

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

September 12, 1989

Ed Schweigert, Water Commissioner
Town of Herried
Box 321
Herried SD 57632



Dear Mr. Schweigert:

The information you returned in response to Genny McMath's letter dated August 2, 1989 needs further clarification as follows:

- 1) The \$15.00 application fee for a vested right claim still needs to be submitted to the Division of Water Rights.
- 2) The town plat map you submitted needs to show the location of each well. The wells need to be marked with a red "X" including the location of the wells in use and the sealed well. Be sure and mark on the map which well has been sealed. The map **MUST** be completed and signed by one of the following persons: 1) A South Dakota registered professional engineer, 2) A South Dakota licensed land surveyor or 3) A government employee that regularly prepares maps as part of his or her duties.
- 3) Identify which well was sealed by the name of the well driller and the approximate year the well was drilled. *Pickham well Co.*
- 4) The well log on file from Empire Well Drilling indicates that a well approximately 28 feet deep was constructed for the town on August 24, 1973. Please indicate if this is one of the two wells currently in use by the town. *NO*
- 5) The application states that the total diversion rate being used is 75 gallons per minute. Please indicate if 75 gpm is still being diverted even though one of the three wells have been sealed. *yes.*

The vested right claim needs to be completed prior to being scheduled for a hearing before the Water Management Board. Please complete the above questions and return the completed map and other responses to the Division of Water Rights.

If you have any questions, please contact me.

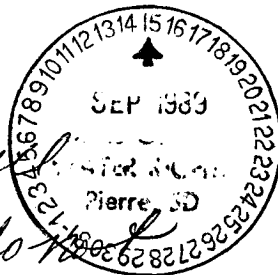
Sincerely,

Ron Duvall

Ron Duvall
Natural Resources Engineer
605 773-3352

enc.

Mr. Surrall,



We are a small
Community & do not
employ professional
engineers, land surveyors
or persons who prepare
maps. Mr. Schuug is
the only one available
to sign forms. I
do not understand what
these fees are for please
sign vouchers & return
to us with explanation

City Finance
Officer
Cecilia Hahn

As Much as I know Huxon drilling co
drilled this well also. I Marked the
wells # 1 & # 2 on the map I got
from the H.S.C. office

**SOUTH Dakota Department of
Water & Natural Resources**

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



October 18, 1989

Ed Schweigert, Water Commissioner
Town of Herried
Box 321
Herried SD 57632

Dear Mr. Schweigert:

Thank you for responding to the information requested in my letter dated September 12, 1989 (copy enclosed). I am writing in regard to your responses:

- 1) The well information supplied by the town indicates that well depths are 280 feet deep (see attached Form 2A's). However, the well log from Huron Drilling (copy enclosed) shows the well depth for one of the wells is 230 feet deep. The enclosed Form 2A's need to be revised to show the well depth for each well (one form for one well). I have enclosed blank forms for your use. Please indicate who drilled the other well in approximately 1975 and if a well log is available for the 1975 well.
- 2) As specified in No. 2 of the enclosed letter dated September 12, 1989, the map submitted by the town will need to be prepared pursuant to Board rule 74:02:01:07 (copy enclosed). The county SCS or ASCS offices may have personnel qualified and willing to help the town to complete the map. I can not ignore the rules or arbitrarily make an exception to the rules on behalf of the town. The map needs to be completed according to the enclosed rule and then be returned to the Division of Water Rights.

The town has already paid the \$15.00 application fee. I did not believe the fee was paid and, in error, requested the fee again in the September 12, 1989 letter. No additional application fee is needed. Please respond to the above information to complete the application. The application can then be scheduled for a hearing before the Water Management Board.

Please contact me if you have any questions.

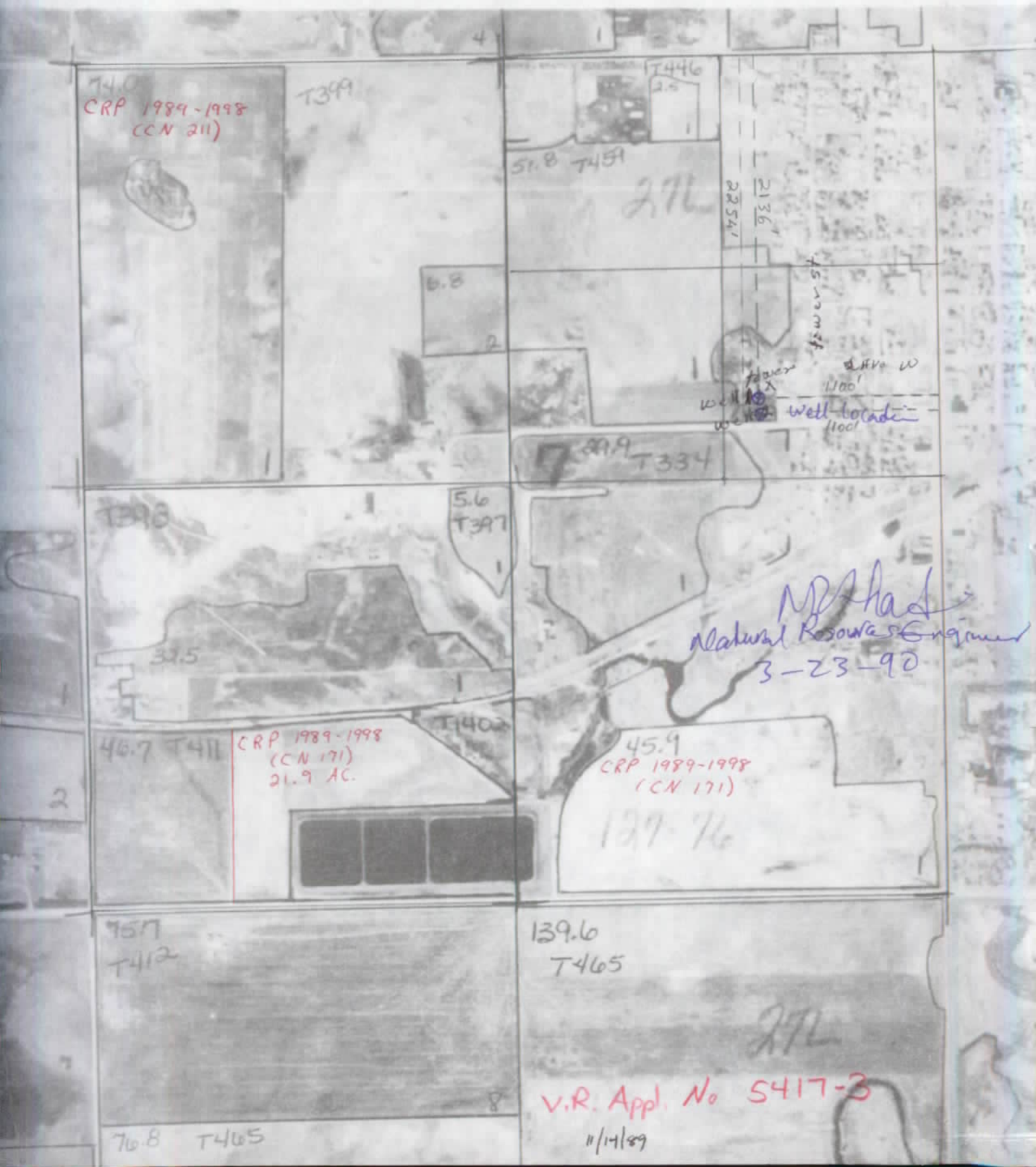
Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enc.



9	100	7-10-9	U	☐	
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Conversation or File Documentation

NAME OF PERSON OR FILE: City of HerreidADDRESS: Herreid COUNTY CampbellDATE: 4-9-90 TELEPHONE 437-2444RE: Diversion Rate

COMMENTS:

I called Edwin Schweizart with the City of Herreid re: City's vested right claim.

Mr. Schweizart stated that there was no metering system in the city, the people receive as much water as they needed.

He said at the time he claimed a 75 GPM, he was not sure it was what they usually pump. I told him since the pumps capacities are more than what he claimed, he should be claiming the pumping capacity. He said that would be fine. I told him that I will make the changes.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: MTA hadi



Department of Water & Natural Resources

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

April 17, 1990

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT THE
NEWSPAPER RIGHT AWAY.

Leslie Heisler, Mayor
City of Herreid
Box 321
Herreid SD 57632

Dear Mayor Heisler:

Your Application No. 5417-3 for a vested water right claim has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of your claim has been sent to the Publisher of the The Prairie Pioneer printed at Pollock SD. For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your notice of hearing to validate a vested right and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Sincerely,

A handwritten signature in cursive script that reads "Eric Gronlund".

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



Department of Water & Natural Resources

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

April 17, 1990

The Prairie Pioneer
Box 218
Pollock SD 57648

Dear Sir:

Enclosed is a Notice of Hearing to Validate Vested Right Application No. 5417-3 to be published twice. Please publish the notice on or before April 26, 1990 with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is the City of Herreid, Box 321, Herreid SD 57632.

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

FIRST TRANSMITTAL NOTICE

TO: ATTN: Eric Gronlund
Water Rights Division
523 E Capitol
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Validate A Vested Right Application which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper

Instruction to Newspaper - Publish first Notice on or before April 26, 1990 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING To Validate
Vested Water Right Application No. 5417-3 to Appropriate Water

Notice is given that the City of Herreid, Box 321, Herreid SD has filed an application to validate a vested water right claim to appropriate 1.17 cubic feet of water per second (cfs) from 2 existing wells each 230 feet deep with a claimed priority date of October 4, 1948. The wells are both located in the SE 1/4 NE 1/4 of Section 7-T127N-R76W and the water is used for municipal purposes by the City of Herreid.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends VALIDATION of Vested Water Right Application No. 5417-3 for 1.17 cfs because 1) water has been appropriated as described for municipal use with a priority date of October 4, 1948, 2) the use has been developed without unlawful impairment of existing rights, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board in the Pelican Room, Ramkota Inn, Hwy 212, Watertown SD on May 23, 1990 at 10:00 am. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve validation, 2) approve the validation with qualifications, 3) defer or 4) deny validation of the application based on the facts presented at the public hearing.

Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by May 11, 1990. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application and the signature and mailing address of the petitioner or legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by May 11, 1990.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-2A-18; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31, 46-5-49; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15 and 74:02:01:19 thru 74:02:01:22.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Campbell) ss.

I, Brenda Larson

certify that the attached printed Notice was taken
from the Prairie Pioneer

A newspaper which during the whole time of publication of
said notice herein after stated, has been and is printed and
published in the Town of
Pollock

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

4-26-90

5-3-90

Brenda Larson
(Signature)

Production Manager
(Title)

5-3-90
(Date Signed)

Cost of Printing: \$ 42.61



Notice of Hearing To Validate Vested Water Right Application No. 5417-3 To Appropriate Water

Notice is given that the City of Herreid, Box 321, Herreid, S.D. has filed an application to validate a vested water right claim to appropriate 1.17 cubic feet of water per second (cfs) from 2 existing wells each 230 feet deep with a claimed priority date of October 4, 1948. The wells are both located in the SE 1/4 NE 1/4 of Section 7-127N-R76W and the water is used for municipal purposes by the City of Herreid.

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Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by May 11, 1990. The Chief Engineer's address is "Water Rights Division, Foss Building 523 E. Capitol, Pierre, S.D. 57501 (605-773-3352)". The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application and the signature and mailing address of the petitioner or legal

counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by May 11, 1990.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-2A-18; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31, 46-5-49; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15 and 74:02:01:19 thru 74:02:01:22.

REC

Report on Vested Water Right Application No. 5417-3
City of Herried
March 28, 1990

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Appl:

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5417-
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Background

The City of Herried has filed an application requesting validation of a vested right claim to appropriate 1.17 cubic feet of water per second (cfs) from two existing wells each 230 feet deep. The wells are located in the SE1/4 NE1/4 Section 7, T127N-R76W, in Campbell County. The water is used for municipal purposes by the City of Herried. The applicant claims a priority date of October 4, 1948.

Discussion

See t

With a total depth of 230 feet, both wells penetrate a deep-glacial aquifer. This aquifer underlies about 20 percent of Campbell County, with an average thickness of 100 feet. The aquifer contains an estimated 2.5 million acre-feet of water in transient storage. It is composed mainly of outwash and alluvium from the ancient Grand River consisting of sorted and stratified gravel, sand, and silt. The depth to the aquifer ranges from 150 feet below land surface at Pollock to 300 feet below land surface in the southeastern part of the county. Overlying deposits consist mostly of impermeable silt or till.

Ground water in the deep-glacial aquifer occurs under artesian conditions in Campbell County. The water levels in wells tapping the aquifer range from about 20 to 50 feet below land surface.

On January 25, 1990, I inspected the wells for Application No. 5417-3. The submersible pumps installed in the wells are capable of pumping a total of 525 gallons per minute (1.17 cfs). The water distribution system seemed to be in very good condition.

Existing Water Rights

There are four ground water permits in the area that are apparently tapping the same aquifer as Application No. 5417-3:

WP/WR (No.)	Well Depth (ft.)	Div. Rate (cfs)	Distance from Appl. No. 5417-3
2012-3	190	1.89	7.0 miles
2949-3	265	1.90	4.5 miles
3023-3	175	3.5	7.5 miles
3883-3	175	2.5	7.5 miles

The priority dates for the above permits/rights are all junior to the priority date claimed by Application No. 5417-3.

January 17, 2001

2000 South Dakota Water Use Questionnaire

To:

Address correction requested:

CITY OF HERREID
~~BOX 321~~
HERREID SD 57632

James PO Box 676

One questionnaire is being provided for each permitted water source. The following information is based on Water Permit/Right No. 5417-3. If you have other permits/rights in the same water source, also include water use under those permits/rights on this questionnaire.

Water Source: GROUNDWATER
Aquifer: GRAND
Management Unit: NOT APPLICABLE

County: CAMPBELL
Pumping Pt. Legal: SEC 07-T127N-R76W
Type of Water Use: MUNICIPAL

- 1) Please estimate your year 2000 water use from the above water source: 2 gallons
2) If no water use in 2000, please list the reason(s) why in the comments section.

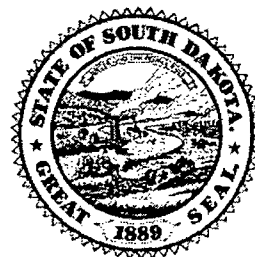
Comments:

100% of our water is supplied by
WEB Water - we have not needed
to supplement with our well water

Contact Person: Willis Van Hekelom

Telephone No: 437-2302

Questions? Please call Mark Rath or Ron Duvall at 605 773-3352 for assistance.



Thank you for completing the 2000 water use questionnaire.

Water Rights on the Web: www.state.sd.us/denr/wr

address
changed

