

874.2

1. Considered 11-9 1966
2. Name of Applicant Board. Education & Construction
3. Post Office Address Pine
4. Amount of water claimed 122
5. Source of water supply ground water
6. Water to be used for institutional
 Acres to be irrigated
7. Water to diverted and used in Custer County
 about 1 1/2 miles of Custer
8. Proof of Publication
 Received ✓
 Not Received
9. Application
 Approved
 Subject to
 Not Approved
 Action deferred
10. Remarks:

No. 894-2Water Division No. 2 FALL RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

SEP 7 1966

10:15 AM

STATE WATER RESOURCES COMM.

PIERRE

APPLICATION FOR PERMIT

To appropriate Water within the State of South Dakota

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

1. Name of applicant BOARD OF CHARITIES AND CORRECTIONSPostoffice address PIERRE, County HUGHES, State SO. DAK.

I. If a corporation

(a) Name of same

(b) Date and place of incorporation

(c) Amount of capital stock

(d) Amount paid in

(e) Names and addresses of directors

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

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

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

(b) Cash on hand, \$

(c) Treasury stock, \$

(d) Bonds to be issued, \$

(e) Other resources, \$

2. Name of diversion work CUSTER STATE HOSPITAL WELL #13. Amount of water claimed 0.22 cubic feet per second4. Source of water supply SHALLOW GROUND WATER5. Location of point of diversion N 68° 01' E., 317.6 Ft. from the West 1/4 cor. of Sec. 23, T45, R4E, BHM. on _____ bank _____ County.6. Annual period or periods during which water is to be used YEAR ROUND

7. To be used for:

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

(a) Number of acres to be irrigated _____ acres.

(b) Legal subdivisions to be irrigated:

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

(c) Statement as to domestic use (giving location, etc.)

INCIDENTAL DOMESTIC USE

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

(a) Nature of use HOSPITAL USE

Name any of the above uses claimed

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

Amount claimed for engine cooling

(c) Location of plant

(d) Method of developing power

(e) Point where water will be returned to stream

MAP NO 778-2

8. Estimated cost of work:

(a) Head Gates, \$.....

(b) Pumping plant, \$.....

(c) Fluming, \$.....

(d) Canal-earth, \$.....

Rock, \$.....

(e) Other structures \$.....

Total, \$11,000.

9. Description of diversion works:

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

100 foot well

II. Dimensions of works

(a) Dam: Height.....feet; length at bottom feet; length at top

.....feet; thickness at bottomfeet; thickness at top

feet; slope at front water face; slope at back face

material used in construction

(b) Reservoir: Capacity when filledacre feet. Surface area at highwater mark.....acres.

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

(c) Head gate: Width.....feet; heightfeet;

Material

(d) Canal: Total lengthmiles.

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

(Give dimensions where reductions in size are made.)

10. Time required for completion of work5.....years.

11. Time required for complete application of water to the proposed beneficial use7.....years.

12. Choice of newspaper for publication of notice of intention to appropriate

CUSTER COUNTY CHRONICLE

STATE OF SOUTH DAKOTA

County of

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

Signed

Subscribed and sworn to before me this

6th

day of

September

1966

Notary Public (or other qualified officer.)

*Each diversion must have a headgate or measuring device.

My Commission Expires February 9, 1969

STATE SANITARIUM WATER RIGHT

LOCATED IN

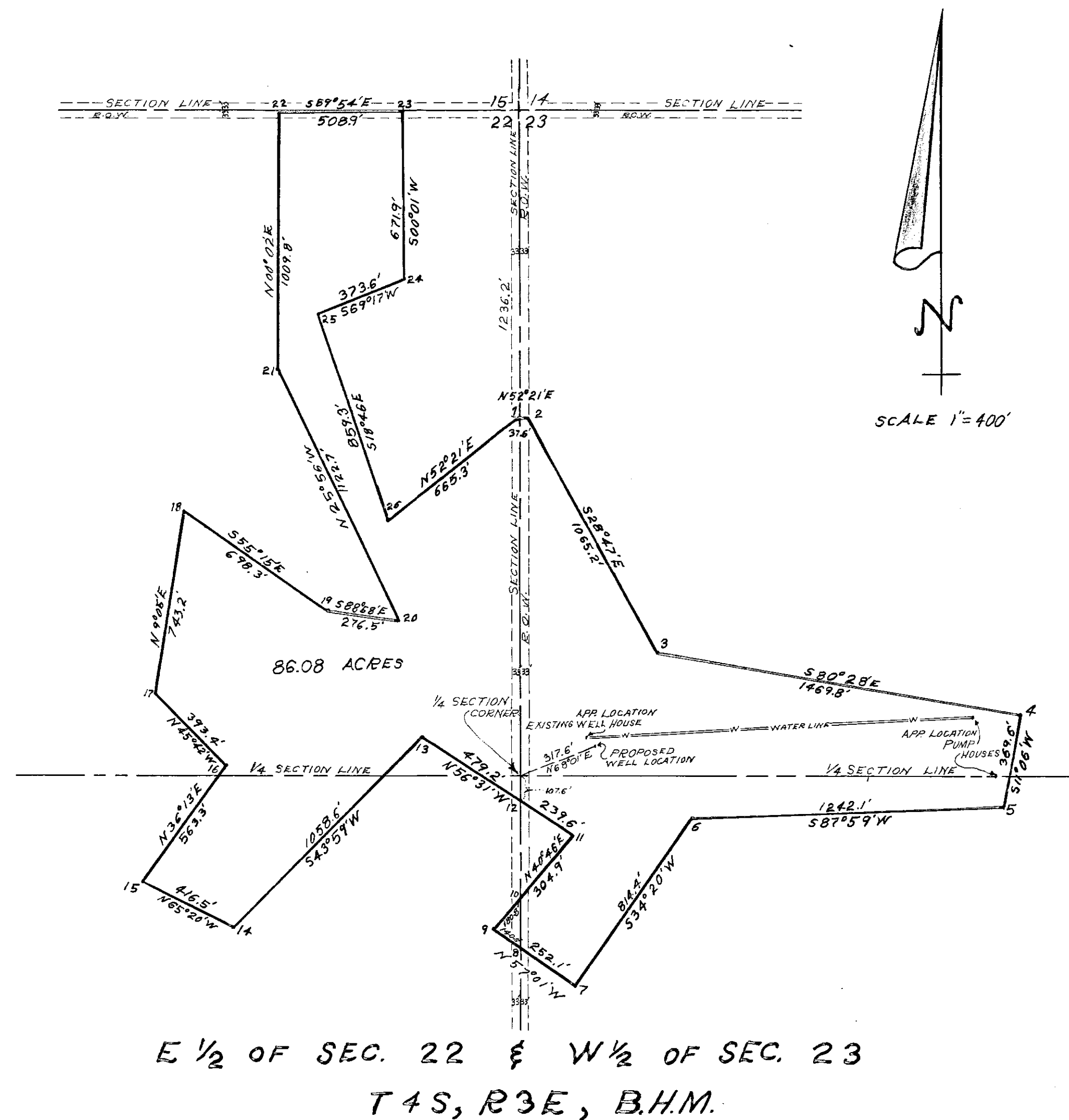
HOMESTEAD SURVEY NO. 168

E 1/2 OF SECTION 22 & W 1/2 OF SECTION 23

T4S, R4E, B.H.M.

CUSTER COUNTY, SOUTH DAKOTA

AUGUST , 1966



SURVEYOR'S CERTIFICATE

STATE OF SOUTH DAKOTA
COUNTY OF PENNINGTON

I, STUART D. FERGUSON, REGISTERED ENGINEER AND LAND SURVEYOR NO. 572 OF THE STATE OF SOUTH DAKOTA, DO HEREBY CERTIFY THAT BEING SO AUTHORIZED, I MADE THE SURVEY AND WITHIN PLAT OF THE PROPOSED WELL SITE SHOWN AND DESCRIBED HEREON AND THAT SAME IS CORRECTLY SHOWN HEREON.

REGISTERED ENGR. & LAND SURVEYOR: Stuart D. Ferguson
STUART D. FERGUSON
17 MAIN
RAPID CITY, SOUTH DAKOTA

ON THE 6th DAY OF August, 1966, BEFORE ME, A NOTARY PUBLIC, PERSONALLY APPEARED STUART D. FERGUSON, KNOWN TO ME TO BE THE PERSON DESCRIBED IN THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE SIGNED THE SAME.

NOTARY PUBLIC: James Heald
JAMES HEALD

MY COMMISSION EXPIRES: January 29, 1973.

Remarks by State Water Resources Commission:

STATE OF SOUTH DAKOTA

County of Hughes

Pierre, South Dakota, November 10, 1966

This is to certify that the foregoing application was received by the Commission at 10:15 o'clock

7 m. upon the 2th day of September, 1966

State Water Resources Commission

Richard D. Schuyler
Chief Engineer, Executive Officer

Number of permit 894-2

Date of first receipt of application September 7, 1966

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

Date of receipt of corrected application —, 19—

Date from which applicant may claim right September 7, 1966

Approved November 9, 1966, Recorded in Book 7 Page 179

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

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or before May 9, 1969

2nd. The whole of said work is to be completed on or before November 9, 1971

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is November 9, 1975

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

5th. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

6th. The amount of the appropriation herein granted shall not exceed 0.22 cubic feet per second; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry, and further, said appropriation must be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually

USED FOR INSTITUTIONAL PURPOSES

and beneficially applied for irrigation on or before November 9, 1975; said water to be used during the following described annual period:

Continuous

Witness my hand this 10th day of November, 1966

State Water Resources Commission

By: John R. Smith
Chief Engineer, Executive Officer

Certificate of Construction Issued July 1, 1970

Water License Issued July 1, 1970

Form 2A — Wells (Supplement to Form 2)

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation

Depth 150' approx

Type of casing

(wood, concrete, steel, etc.)

Size of casing

Thickness of casing

Length of casing

If collection gallery, length, size and depth of

gallery

(b) Screens

Type of perforated screen

Size of perforated screen

(diameter)

(length)

Thickness of gravel pack

length of gravel pack

(c) Water Bearing Materials

Distance to water

Character of water bearing materials

Thickness of water bearing material

(d) Pump and Motor

Type of pump

(centrifugal, propeller, mixed flow, etc.)

Name of pump

size

Kind of motor

(gasoline, electric, diesel, etc.)

Horsepower

Name of Motor

(e) Complete well

Capacity 100 gpm at drawdown of

Estimated cost

(f) Owner of land upon which well is located

State of South Dakota

Name

Pierre, S. Dak

Address

(g) Distance to nearest existing wells

On same owner's property

34

rods. On property owned by others

over

1 mil.

rods

on or before October 13, 1966
(First Publication)

APPROPRIATION OF WATER

Office of State Water Resources Commission,

Pierre, S. Dak., September 28, 1966

Notice is hereby given that the Board of Charities and Corrections whose postoffice address is Pierre S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use .22 cubic feet of water per second of time from the ground water through the Custer State Hospital Well #1, the point of diversion of which is to be located in the SW 1/4 of the NE 1/4 of Section 23 Twp. 4S Range 4E. Said water to be used for the purpose of providing irrigation for the operation of the Custer State Hospital.

XXXXXX purposes.

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 9th day of November, 1966, at 2 P. M. All interested persons may appear and be heard.

Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.

State Water Resources Commission

By:

BURTON F. JONES
Water Right Specialist

CC: Carl H. Sundstrom, Publisher
Custer County Chronicle
Custer S.D.

PROOF OF PUBLICATION

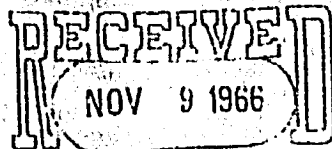
STATE OF SOUTH DAKOTA }
County of Custer } ss.

Carl H. Sundstrom being duly sworn, deposes and says the annexed printed copy of Notice of Intention to Appropriate Water was taken from the Custer County Chronicle 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 Custer County of Custer and State of South Dakota; that the said notice was published in said newspaper on the following dates:

Oct. 6; Oct. 13; Oct. 20; Oct. 27

in each and every issue, the full number thereof, the first publication being made on the 6 day of October 1966 and the last publication on the 27 day of October 1966, upon which days or times of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he was the printer and publisher of the said newspaper.

Subscribed and sworn to before me this 27 day of October A. D. 19 66



STATE WATER RESOURCES COM. L.
PIERRE, SOUTH DAKOTA

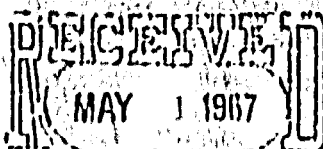
Notary Public Custer County, S. D.

N.J. 894-2
APPROPRIATION OF WATER
Office of State Water Resources Commission,
Pierre, S. Dak.
September 28, 1966
Notice is hereby given that the Board of Charities and Corrections, whose postoffice address is Pierre, S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 22 cubic feet of water per second of time from ground water through the Custer State Hospital Well No. 1, the point of diversion of which is to be located in the SW 1/4 of the NW 1/4 of Section 23, Twp. 49, Range 4E. Said water to be used for the operation of the Custer State Hospital.
This application will be taken by the State Water Resources Commission at their office at Pierre for consideration upon the 9th day of November, 1966, at 2 P. M. All interested persons may appear and be heard.
Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.
State Water Resources Commission
By: **BURTON F. JONES**
Water Right Specialist
0954-O27

Permit No.

Water Division No.

Water District:

STATE WATER RESOURCES COM.
PIERRE SOUTH DAKOTA

NOTICE OF COMPLETION OF WORKS

This blank must be filled out by the holder of permit and forwarded to the Executive Officer at least 60 days before the time set for completion of works

(P. O.) Pierre S. D.

(Date) May 1, 1967

TO THE STATE WATER RESOURCES COMMISSION
OF SOUTH DAKOTA, PIERRE:

DEAR SIR: Notice is hereby given of the completion of the works for the diversion of

..... cu. ft. per second of the waters of the state from
through the Carter State Hospital well
for Hospital use purposes

..... in accordance with the terms and con-
ditions of a certain permit heretofore issued by the Water Resources Commission of the State of South Dakota.

1. The name of the person or corporation holding said permit is

Board of Directors and Corporation

2. The postoffice address of such person or the place of business of such corporation is Pierre

County of Hub. State of S.D.

3. The number of such permit is 8992 and the date set for the completion of such work is

November 9, 1971

4. Said water to be used for Hospital purposes.

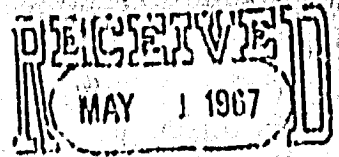
5. Said works of diversion will be fully completed on the date set for such completion, and the amount of
water which said works are capable of conducting to the place of intended use, in accordance with the plans ac-
companying the application for such permit, is 1.22 cubic feet per sec.

6. The amount of land for which said water is available is acres,
particularly described as follows:

I hereby certify that the facts set forth in the above notice are true.

(Signature of Owners)

Bd of Directors of Corporation
General Parkman, G. S.

Permit No. 894-2Water Division No. 2 Fall River Water District PIERRE SOUTH DAKOTA

Notice of Application of Water to Beneficial Use

(This blank must be filled out by holder of permit and forwarded to the State Water Resources Commission at least sixty days before the time set for application of water.)

(P. O.) Pierre S.D.(Date) April 1, 1966

TO THE STATE WATER RESOURCES COMMISSION OF SOUTH DAKOTA, PIERRE:

DEAR SIR: Notice is hereby given that on the _____ day of _____
 19____, at _____ County of _____ State of South Dakota,
 before _____, will be submitted of the application to beneficial use
 (Examining Engineer or Officer)
 of 0.22 cubic feet per second of the waters of Ground water
 In accordance with the terms and conditions of Permit No. 894-2
 heretofore issued by the Water Resources Commission of South Dakota.

- The name and postoffice address of the person or corporation holding said permit are
Board of Charities & Corrections
- The use to which said water has been applied is Hospital use
- The amount applied to beneficial use is 0.22
- The place where said water is used is (if for irrigation, give full and accurate description of the lands irrigated)

- The name of the canal or ditch or other works by which said water is conducted to such place of use is
Custer State Hospital well
- The right to take the water from such works is based upon permit No. 894-2
- The source of supply from which such water is diverted is Ground water
- The date of priority which said user is prepared to establish is Sept 7, 1966

(Sign)

Ed. of Charities & Corrections
Genl. Parkman, Dir.

Permit No. 894-2Water Division 2 FALL RIVER Water District

REPORT OF EXAMINATION OF WORKS AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by No. 1 of Charities
and Correction of Pierre, South Dakota holder
of Permit No. 894-2, bearing date of priority of September 7, 1966
authorizing the diversion of 0.22 cu. ft. per second of the waters of ground water
for Hospital use purposes, in Custer County.

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

The Water Use System consists of,

A. Works used to divert the water:

187 foot deep well
6" steel casing
5 H.P. Electric submersible pump, set @ 168 foot depth

B. Works used to transport water to place of use,

10" Main distribution system

C. Works used to apply water to beneficial use.

50,000 gallon elevated tower
250,000 Hill top concrete reservoir

The system is in the following condition: good

The point of diversion is located N.68°01' east 317.6 ft. from W₁ Corner, Section 23,
T4S, R4E

The works are capable of diverting and conveying to the place of use 0.14
cu. ft. per second of water which is to be used for Hospital use

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

Well was drilled in 1967 and water has been pumped from well at different
times since then

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

In addition, information was collected about the four other wells used at
Custer State Hospital and this information is shown on the attached 2B form.

Date May 14, 1970

Donald Driscoll
(Signature)

DONALD DRISCOLL, Deputy Chief Engineer
Water Resources Commission

Form 2B - Affidavit of Water Use (Supplement to Form 2)

No. 894-2

NOTE: This Form is supplemental to Form 2, and is to be used when an affidavit pertaining to construction and water use, already completed, is needed.

AFFIDAVIT OF CONSTRUCTION OF WATER USE SYSTEM AND APPLICATION OF WATER TO BENEFICIAL USE

Name of Applicant (Same as Form 2) Board of Charities and CorrectionsPost Office Address Corre, State South Dakota

If a Corporation show date and place of Incorporation _____

13. Notice of Appropriation (If available)

Date of Posting _____ Date of Recording _____

Recording Date _____

14. Date of start of construction see below15. Date that water was first applied to beneficial use see below16. Name of owner of original water supply system Same owner17. Amount of water originally applied to beneficial use see below c. f. s.

18. Present Use of Water

Amount of water now being used see below c. f. s.Date that this amount of water was first used see below

19. Chronological History of Water Use

WELL NAME	SANATOR	MAYO NO. 1	MAYO NO. 2	ENDICOTT
Date Drilled	1926	1941	1948	1953
Date water 1st used	1926	1941	1948	1953
Depth	65 feet	65 feet	55 feet	56 feet
Casing Size	10 ft. dia.	10 ft. dia.	8 ft. x 10 ft.	10 ft. dia
Pump Capacity, c.f.s.	0.18	0.20	0.09	0.11
Location	NE $\frac{1}{4}$, Sec. 14-4S-4E	SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-T4S-R4E	SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23, T4S-R4E	NE $\frac{1}{4}$, Sec. 23, T4S, R4E

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 _____) ss.

I, Gerald D. Parkinson

the matters therein stated are true.

Signed

Gerald D. Parkinson

Subscribed and sworn to before me this

7th

day of

May1970

Betty Westlund Tech. Ass't.
(Notary Public - or other qualified Officer) Water Resources Commission

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.

Donald Orrall

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 894-2

(1) WHEREAS, On the 7th day of September A. D. 1966
the Board of Charities and Corrections

made Water Right Application No. 894-2 for a permit to use .22 cubic feet per second of the waters
of ground water

County of Custer, State of South Dakota, for institutional
purposes; and

(2) WHEREAS, On the 10th day of November A. D. 1966
Permit No. 894-2, with a date of priority of September 7, 1966

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 9th day of November A. D. 1971 and for the
application to beneficial use of said water on or before the 9th day of November A. D. 1975

and;

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert .14 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,

water used for institutional purposes in the operation of Custer State Hospital

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to _____ the Board of Charities and Corrections

_____ of _____ Pierre, South Dakota

the holder _____ and owner _____ of said permit No. 894-2 a water right, dating from ground water _____ to use of .24 cubic feet per second of the waters of ground water

In the County of Custer and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at a point N. 68° 01' E., 317.6 feet from the W. Corner, Section 23, T48, R4E

and ~~erect~~ ~~to~~ ~~be~~ ~~conducted~~ ~~through~~ ~~the~~ ~~Custer~~ ~~State~~ ~~Hospital~~ ~~distribution~~ ~~system~~

for the purpose of institutional use

Subject to any limitations listed in Water Right Permit No. 894-2 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota

this 1st day of July A. D.

Nineteen Hundred and Seventy

WATER RESOURCES COMMISSION

By:

Chief Engineer, Executive Officer, J.W. GRIMES

STATE OF SOUTH DAKOTA

VESTED RIGHT
WATER LICENSE NO. ... 694-2

(1) WHEREAS, On the 7th day of May A. D. 19 70
the Board of Charities and Corrections

Vested Right
made Water Right Application No. 194-2 for a permit to use .58 cubic feet per second of the waters
of ground water
County of Custer, State of South Dakota, for institutional

purpose; and

(2) WHEREAS, On the 7th day of May A. D. 19 70
Vested Right
Permit No. _____, with a date of priority of 1926, 1941, 1948 and 1953

was issued to said applicant _____ for the diversion of said water, and recognizing
supply system therein described provided for the completion of construction of the water
application to beneficial use of said water and for the
on or before the _____ day of _____ A. D. 19 _____
_____ day of _____ A. D. 19 _____

and;

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert .58 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,
water used for institutional purposes in the operation of Custer State Hospital

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to the Board of Charities and Corrections

Pierre, South Dakota

the holder _____ and owner _____ of ht 894-2 a water right, dating from 1926, 1941, 1948 and 1953

to use of .58 cubic feet per second of the waters

of ground water

in the County of Custer and State of South Dakota, or so much thereof as may be necessary for the purposes hereinafter mentioned, to be diverted at points in the NE 1/4, Section 14, and in the SE 1/4 NW 1/4 and NE 1/4, Section 23, T48, R4E

~~and to be used for~~ conducted through the Custer State Hospital distribution system.

for the purpose of institutional

Subject to any limitations listed in Water Right Permit No. 894-2 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 1st day of July A. D.
Nineteen Hundred and Seventy

WATER RESOURCES COMMISSION

By:

Chief Engineer, Executive Officer, J. W. GRIMES

Permit No. 894-2

Water Diversion No. 2 FALL RIVER Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That the Board of Charities and Corrections

the holder of
Permit No. 894-2, issued upon Application No. 894-2, bearing date of priority of September 7,
1966 authorizing the diversion of .22 cu. ft. per second of the waters of ground water
County of Butter, State of South Dakota at
a point N. 68° 01' E., 317.6 feet from the W. Corner, Section 23, T4S, R4E

for institutional

purposes, has complied with the provisions of the laws of the State of South Dakota relating to proof of completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory condition for diverting and conveying to the place of intended use .14 cu. ft. per second of water.

Date July 1, 1970

WATER RESOURCES COMMISSION

By:

J.W. GRIMES, Executive Officer

ALFRED B. KEMPER CE PE
STATE ENGINEER

STATE OF SOUTH DAKOTA
OFFICE OF THE STATE ENGINEER
SUITE 101 STATE OFFICE BUILDING
TELEPHONE NO. CA 4-8911 EXT. 329
PIERRE
57501

ROY L. HARRISON ME PE
DEPUTY STATE ENGINEER

March 3, 1967

Mr. Jerry Parkinson
Executive Director
Board of Charities & Corrections
State Capitol Building
Pierre, South Dakota

Re: Water Well
Custer State Hospital
Sanator, South Dakota

Dear Mr. Parkinson:

Transmitted herewith is the log of the well as prepared by the driller together with the results of the pumping tests. This is for your permanent file and record and by copy of this letter we are sending the required information also to the State Geologist.

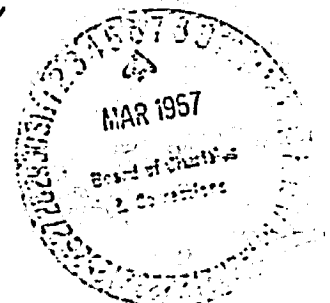
Also for the record it should be noted that the success of this well is a rather unusual situation inasmuch as all previous test holes or exploratory work indicated that we probably would not get more than 7 or 8 gallons per minute whereas we are getting 67 gallons per minute with relatively small draw down. This information would be a particular interest to anyone else in this area who might like to sink a well.

Very truly yours,

OFFICE OF THE STATE ENGINEER

Alfred B. Kemper
ALFRED B. KEMPER
State Engineer

ABK:pap
Enc.
cc: McGregor



PUMPING TESTS AT
CUSTER STATE HOSPITAL TEST WELL

Parkinson

#1. eight hour test conducted Feb. 4, 1967

TIME	METER READING	WATER LEVEL	well depth 100'
8:00 AM	500 cu. ft.	5 ft.	START
8:10 AM	590	12' 9"	
9:00 AM	1050	16' 4"	
10:00 AM	1600	17' 6"	
11:00 AM	2140	17' 10"	
12:00 PM	2650	18' 0"	
1:00 PM	3230	18' 2"	
2:00 PM	3770	18' 7"	
3:00 PM	4310	18' 8"	
4:00 PM	4850	18' 10"	STOP
4:05 PM	"	9' 6"	

#2. Twenty four hour test conducted Feb 9, 1967 well depth 135'

TIME	METER READING	WATER LEVEL	
1:00 PM	4850 cu. ft.	5 ft.	START
1:10 PM	4940	9'	
2:00 PM	5380	9' 8"	
3:00 PM	5920	11' 9"	
4:00 PM	6450	12' 0"	
5:00 PM	6980	12' 5"	
6:00 PM	7510	12' 8"	
7:00 PM	8050	13' 0"	
8:00 PM	8590	13' 2"	
9:00 PM	9130	13' 4"	
10:00 PM	9670	13' 3"	
11:00 PM	10200	13' 4"	
12:00 AM	10720	13' 6"	2/10/67
1:00 AM	11260	13' 7"	
2:00 AM	11790	13' 9"	
3:00 AM	12330	13' 10"	
4:00 AM	12860	13' 11"	
5:00 AM	13400	14' 0"	
6:00 AM	13930	14' 1"	
7:00 AM	14460	14' 2"	
8:00 AM	15000	14' 3"	
9:00 AM	15530	14' 4"	
10:00 AM	16070	14' 4 1/2"	
11:00 AM	16610	14' 1"	(5 minute breakdown)
12:00 AM	17090	14' 8"	STOP
1:00 PM	17650		

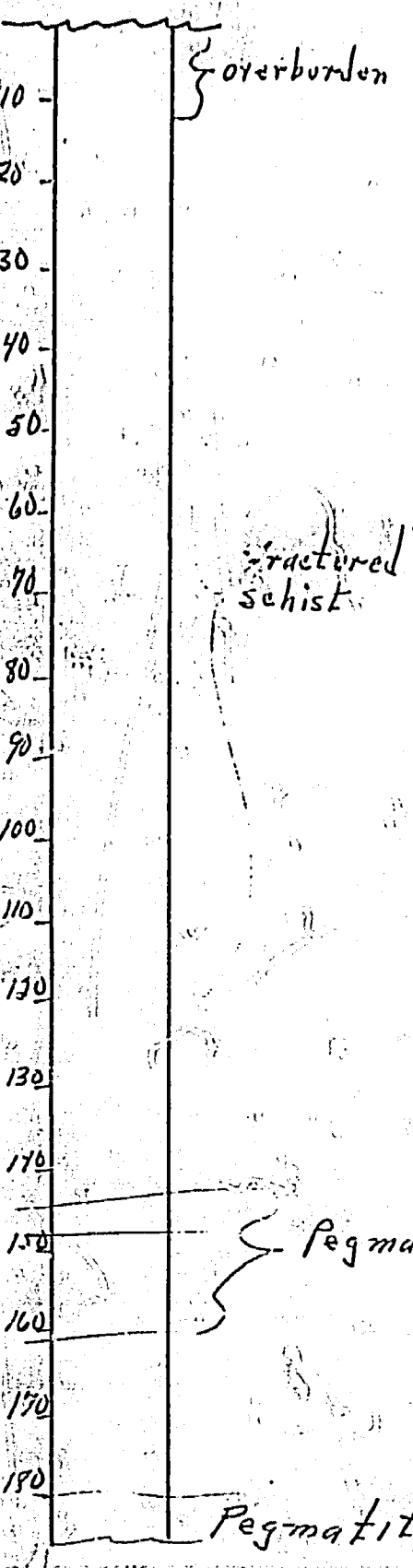
This breaks down to approx
67 gal. per minute water pumped,
with only a 10 ft. draw down
on 24 hr. test.

W.H.

HAVE DROS. CONTR.
BY *Warren Lam*

LOG OF WELL
CUSTER STATE HOSPITAL
SANDY, S. DAK.

Drilling started Jan. 24, 1967 Finished Feb. 9, 1967



- 0' to 12' Overburden
- 12' to 55' A massive hard schist with a lot of quartz bedding. This area was fractured to the extent that continual caving was encountered during drilling, and surface casing had to be set to a depth of 55'.
- 55' to 100' The same as above but with no caving, this area still has a lot of rock fracture.

An eight hour test pumping was done at this depth, with the attached results.

- 100' to 140' Schist, and some quartz layers. Oxidation would indicate still quite a few fractures.
- 140' to 150' Some schist, but this area had an intrusion of pegmatite.
- 150' to 180' Schist, quartz, and some thin mica layers.
- 180' to 185' Massive pegmatite, drilling ended.

A twenty four hour test pumping was conducted.

It is the opinion of the contractor that the amount of fracturing in the area of the well indicates real good water storage for this type of formation.

HAROLD DROS. OWNER.
by *Harold Dros*
FEBRUARY 1967

This well was completed with six inch casing, with perforated casing extending from the thirty five foot level to the bottom of the well. Cement grouting was poured in upper fifteen feet of area around casing.

Pegmatite intrusions

Pegmatite



DEPARTMENT OF WATER & NATURAL RESOURCES

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

April 15, 1991

Department of Human Services
Kneip Building
700 Governors Drive
Pierre, SD 57501-2291

Dear Sirs:

This is to hereby notify you that our records now show you as the owner of Water Right No. 394-2.

Sincerely,

Cheryl F. Frost

Cheryl F. Frost
Secretary
Water Rights Division
(605) 773-3352

NOTICE OF TRANSFER OF OWNERSHIP

No. 894-2

TO: Chief Engineer
Water Rights Division, DWR
523 East Capitol
Pierre, SD 57501-3181

Date: 3-12-91

I/We request that Water Permit/Right No. 894-2

formerly owned by Board of Charities and Corrections

be transferred to: (name & address) Department of Human Services

Knelp Bldg., 700 Governors Drive, Pierre, SD 57501-2291 (telephone No.)

Title to the following described land(s)/property has been transferred as described above:

Custer State Hospital

I/We understand that the validity of Water Permit/Right No. 894-2 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

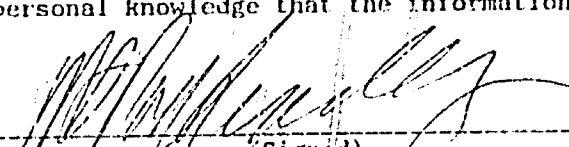
You are requested to file this "Notice of Transfer" in the appropriate file at the Division of Water Rights, as evidence of the change of ownership

~~A fee of Two Dollars and Fifty Cents (\$2.50) is attached to cover the filing fees as required under SDCL 46-2-13.~~

STATE OF SOUTH DAKOTA)

County of Hughes)

I/We W. S. Podchardsky being first duly sworn on my oath depose and say that my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and that I know of my own personal knowledge that the information herein stated is true.


(Signed)

Subscribed and sworn to before me this 12th day of March, 1991.


(Notary Public)

NOTE: Water permits may be cancelled for nonconstruction within the five year construction period. Once a water permit is developed and the water used, the permit becomes a water right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

FILE DOCUMENTATION

NAME: Department of Human Services
ADDRESS: 700 Governors Drive, Pierre SD 57501-2291
DATE: September 14, 1992
SUEJECT: Status of vested portion of Water Right No. 894-2

On September 7, 1966, an application was filed by the Board of Charities and Corrections for one well with a diversion rate of 0.22 cfs (100 gpm) for institutional water use. The application was approved November 9, 1966, and Water Permit No. 894-2 was issued.

On May 4, 1970, the final inspection of the water system was completed. The final inspection noted the existence of the four, large diameter, wells on a supplement (Form 2B) to the inspection report. Based on the inspection, a water license was issued for the well specified on the original application. A second water license was issued for the four wells qualifying for vested right status. An application was never filed for the vested right portion of No. 894-2.

The vested portion of No. 894-2 was omitted from the Custer county validation list compiled pursuant to legislation (46-2A-16) enacted in 1986. The omission apparently resulted because no application was filed for the vested portion and No. 894-2 contains two separate water licenses. Each file ordinarily contains only one water license.

CORRECTIVE ACTION:

I recommend that a claim be filed for the four wells qualifying for vested right status. The claim would be processed according to the procedure outlined in Chapter 46-2A. I do not believe the procedure applies under SDCL 46-2A-16 because no claim was received for filing by the chief engineer.



Ron Duvall, Natural Resources Engineer

NOTE: On September 14, 1992, a meeting was held with representatives from the attorney general's office, the state engineer's office, and from School and Public Lands concerning vested portions of No. 894-2. A portion of the vested right is located on property that may be involved in a land swap. Custer state hospital is reviewing options to retain the vested right and still receive the best possible appraisal of the property. Bill Noordermeer, state engineer's office, will complete testing of the Mayo water supply in six weeks. The test is to determine if the infiltration gallery can be discarded. It also appears that Mayo No. 2 may be abandoned. A vested right claim is to be filed for all existing vested portions (Endicott has been maintained for standby use) and a new application will be filed for a well drilled two years ago that has not yet been put on line.



December 8, 1992

894-2

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

MEMO

TO: Bill Noordermeer, P.E.
Office of State Engineer

FROM: Ron Duvall, Natural Resources Engineer
Water Rights Division

SUBJECT: Water supply for Custer State Hospital

As requested, this memo outlines what water rights are needed by the hospital and addresses other issues concerning the water supply. The following water rights are needed based on development of the water supply as discussed during our November 23, 1992, meeting. Custer State Hospital needs to apply for a water permit for the "test" well located in the vicinity of the deep well covered by Water Right No. 894-2. This "test" well produced 40 gpm. A second application for a water permit is needed for the well located near the sanatorium. Finally, an application for a vested right claim is needed for the Sans collection system. The amount of water specified on each application should be the maximum sustained pump rate for each diversion point. Enclosed are the forms for each application and a document from No. 894-2 listing a priority date that may be claimed for the Sans.

A copy of the investigation completed by Oney Engineering Services, Inc. was supplied to the Division of Environmental Regulation (Office of Drinking Water and Ground Water Quality Program) to solicit comments. Comments received concurred that the deep wells are the preferred water source to minimize the possibility of contamination. Other comments include that no spill sites have been reported in the vicinity of the diversion points and that the hospital's waste water system should be a safe distance from the source of the water supply.

Other comments from the Water Rights Division relate to the condition of the existing water supply. According to the engineering study, maintenance work is needed on some of the water supply sites. This work should be completed not only for liability reasons but also to prevent contamination of the water sources. Any of the wells to be abandoned will also need to be plugged. Water Management Board Rules 74:02:04:67 and 69 (copy enclosed) describe the proper method to plug an abandoned well. If you have any questions on well plugging, you may contact Jim Goodman or Ken Buhler at 3352. Completing needed work on Mayo 1 and 2 in a timely manner is especially important. It is easier to ensure the work is properly completed while the property is owned by the hospital.

Please contact me if you have any questions.

cc: Curt Johnson, Commissioner of School and Public Lands
Wade Hubbard, Attorney General's Office

NOTICE OF TRANSFER OF OWNERSHIP



To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

No. 894-2

Date: June 13, 1996

I/We request that Water Right No. 894-2

formerly owned by: SD Department of Human Services, SD Developmental Center

be transferred to: (name & address) Department of Corrections at Custer

115 E Dakota Ave Pierre, SD 57501

Telephone No. (605) 773-3478

Title to the following described land(s)/property has been transferred as described above:

SW 1/4 NW 1/4 Section 23, T4S, R4E

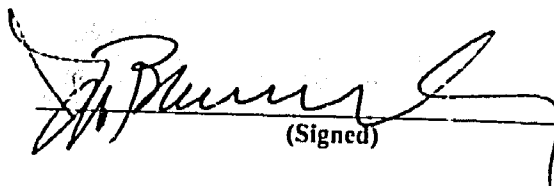
I/We understand that the validity of Water Right No. 894-2 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

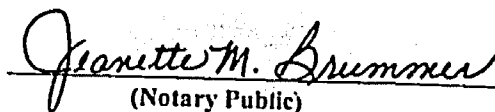
STATE OF SOUTH DAKOTA)

County of Hughes)

I/We Jeff Bloomberg being first duly sworn on my oath depose and say that my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and that I know of my own personal knowledge that the information herein stated is true.


(Signed)

Subscribed and sworn to before me this 13th day of June, 19 96.


(Notary Public)

NOTE: Water permits may be cancelled for nonconstruction within the five year construction period. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

894-2



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

May 3, 1996

Jeff Bloomberg
Department of Corrections
115 East Dakota Avenue
Pierre SD 57501-3216

Dear Mr. Bloomberg:

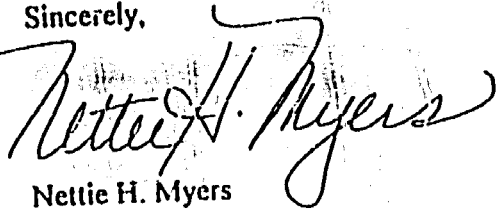
The South Dakota Department of Environment and Natural Resources (DENR) has reviewed the proposed project concerning the Department of Corrections' boot camp. The DENR finds that this construction, using conventional construction techniques, should not cause violation of any statutes or regulations administered by the DENR based on the following recommendations:

1. Best Management Practices (BMP) for sediment and erosion control should be incorporated into the planning, design, and construction of this project. Copies of the BMP Guide are available upon request from this office. These controls are necessary to protect the nearby Beaver Creek.
2. A Surface Water Discharge (SWD) permit may be required if any construction dewatering should occur as a result of this project. Please contact this office for more information.
3. A General Storm Water Permit for Construction Activities may be required. If you have any questions, please contact Norma Job at 1-800-SDSTORM (1-800-737-8676).
4. It is recommended that the project sponsors contact a representative of the U.S. Army Corps of Engineers to determine if there is any wetland habitat which may be impacted as a result of this project.
5. The department of Human Services has four (4) water rights permits at this site. These permits should be transferred to your department, please contact Genny McMath at (605) 773-3352.

6. The South Dakota Developmental Center was required to have a Class (I) Water Treatment Operator to operate their water treatment system. If the boot camp uses this water system, they will have the same requirements. It will also be necessary to contact this department concerning the name change, contact person, intended boot camp population, and the drinking water sampling requirements. Please contact Rob Kittay with the Drinking Water Program at (605) 773-3754.
7. The South Dakota Developmental Center was required to have a Surface Water Discharge permit to discharge from the wastewater treatment facility. If the boot camp uses the same facility, a discharge permit would be required from this department. Please contact Kelli Buscher at the phone number listed below.
8. The Department of Corrections must ensure there is safe drinking water supplied to the facility, appropriate wastewater and solid waste disposal, conducted in accordance with S.D. environmental laws.

If you have any questions concerning these comments, please contact John Miller, at (605) 773-3351.

Sincerely,



Nettie H. Myers
Secretary

NOTICE OF TRANSFER OF OWNERSHIP



To: Chief Engineer
Water Rights Program, DERNR
523 E. Capitol
Pierre, SD 57501-3181

No. 894-2

Date: June 13, 1996

I/We request that Water Right No. 894-2

formerly owned by: SD Department of Human Services, SD Developmental Center

be transferred to: (name & address) Department of Corrections at Custer

115 E Dakota Ave Pierre, SD 57501

Telephone No. (605) 773-3478

Title to the following described land(s)/property has been transferred as described above:

SW 1/4 NW 1/4 Section 23, T4S, R4E

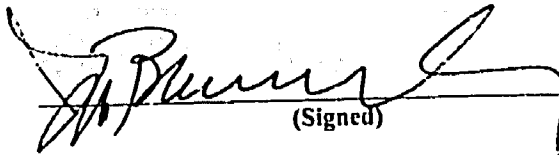
I/We understand that the validity of Water Right No. 894-2 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

STATE OF SOUTH DAKOTA)

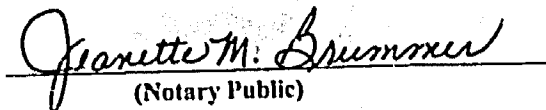
County of Hughes)

I/We Jeff Bloomberg being first duly sworn on my oath depose and say that my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and that I know of my own personal knowledge that the information herein stated is true.



(Signed)

Subscribed and sworn to before me this 13th day of June, 19 96.



(Notary Public)

NOTE: Water permits may be cancelled for nonconstruction within the five year construction period. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

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3. For a third violation of a condition of a water permit/right.



894-2

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

July 23, 1996

894-2

2264-2

2265-2

2266-2

Jeff Bloomberg
Department of Corrections
115 E. Dakota Ave.
Pierre, SD 57501

Dear Mr. Bloomberg:

This is to notify you that transfer of ownership has taken place on Water Right No. 894-2, Vested Water Right No. 2264-2, and Water Permit Nos. 2265-2 and 2266-2. Our records now show the Department of Corrections at Custer as owner of the above listed Water Rights/Permits.

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Program
(605) 773-3352



894-2
**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

JUL 11 2005

2264-2

2265-2

Bob Etzkorn
SD Dept of Corrections
HC 83 Box 69A
Custer SD 57730

Dear Mr. Etzkorn:

Enclosed is Reissued Vested Right Water License No. 2264-2 and Water License No. 2265-2. Also enclosed is a map of showing the location of the wells utilized by the center. The map was prepared by the staff engineer who conducted the investigation of your water use system.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Nos. 2264-2 and 2265-2, 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 License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

Note: The applicable portions of Water Right No. 894-2 were incorporated into Water License No. 2265-2. The applicable portions of No. 2266-2 were incorporated into Vested Right Water License No. 2264-2. The combinations of diversions under Nos. 2264-2 and 2265-2 may not exceed 0.18 cubic feet of water per second.