

WATER PERMIT NO. 5720B-3

Name of Applicant: **Big Sioux Community Water, Inc.**

Address: **PO Box 158, Egan SD 57024**

Phone: **605 997-2098**

Amount of Water Claimed: **1.10 cfs (478 AF)**

Total Acres: **NA**

Source of Water Supply: **groundwater**

Water to be used for: **rural water system use**

County: **Moody**

Type of Waste Disposal System: **NA**

Location: **1 mile east of Egan**

PRIORITY

Date Received: **9-25-97**

Fee: **\$50.00**

Corrected Application Received:

Period of Annual Use: **January 1 - December 31**

Remarks: **change the location of the diversion point authorized by Permit No. 5720A-3**

Diversion Point: **SE 1/4 NE 1/4 Sec 7-T106-R48W**

Land to be Irrigated:

			7		
				X	

Depth of Well: **40**

Well Driller:

Remarks:

Type of Map: **topo**

Prepared by: **Joel Curran, NRCS**

Reviewed and the Number Assigned on: **9-25-97**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

8/11/98 Inspect MPE

280 gpm

600 gpm

LACES

shed 16"

DAVE BENNETT

FORM 2: Application for uses other than irrigation
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only)	
	No. <u>5720B-3</u>	Hydrologic Unit <u>10/70203</u>
	Basin <u>Big Sioux River</u>	
	Newspaper <u>See list</u>	



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

Check use(s) of water:

☐ Municipal	☐ Suburban Housing	☐ Recreational	☐ Institutional
☒ Rural Water System	☐ Commercial	☐ Fish & Wildlife	☐ Geothermal Heat
☐ Domestic (over 18 gpm)	☐ Industrial	☐ Other	

Type of Application: ☐ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
(check one) ☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☒ Amendment/Correction to Permit No. 5720-3

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

Change in diversion point from T106N R48W Sec 8 SW SW to T106N R48W Sec 7 SE NE

- Name of Applicant Big Sioux Community Water, Inc. Phone (605) 997-2098
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address PO Box 158, Egan State SD 57024
(Street, RR. or Box) (Zip Code)
- Amount of water claimed 1.10 *CFS or 495 **GPM 478 ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable
- Source of water supply Big Sioux Aquifer
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
1 well in SE 1/4 NE 1/4 Sec. 7, T106N-R48W
County Moody
- County or counties where water will be used Moody, Lake, Brookings, Minnehaha
- Annual period during which water is to be used 12 months
- Give a description of the 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)
As much of existing well no. 5 will be recovered and used in construction at new diversion point.

STATE OF SOUTH DAKOTA) SS
County of Moody)

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, Mark JARRETT, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Signed _____

Subscribed and sworn to before me this 23rd day of September 19 1997

JUDITH K. FRITZ

SEAL NOTARY PUBLIC SOUTH DAKOTA

Notary Public

SOUTH DAKOTA
WATER PERMIT NO. 5720B-3

Date of first receipt of application September 25, 1997.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 5720B-3 to Big Sioux Community Water, Inc., PO Box 158, Egan SD 57024 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 5720B-3 changes the location of the diversion point authorized by Water Permit No. 5720A-3. Water Permit No. 5720A-3 authorized construction and placement to beneficial use 1.1 cubic feet of water per second (478 acre-feet annually) from one well (Big Sioux:Moody Aquifer) reserved by future use by Permit No. 3984-3 and 3984A-3. This permit authorizes changing the well location from the SW 1/4 SW 1/4 Section 8-T106N-R48W to the SE 1/4 NE 1/4 Section 7-T106N-R48W. No increase in the diversion rate is authorized by this permit.
2. The water appropriated shall be used for the purpose of supplying water to the Big Sioux Community Water, Inc. and may not exceed the amount of water needed for beneficial use for rural water system use.
3. The water is to be used during the following described annual period: January 1 - December 31.
4. The date of approval of Permit No. 5720B-3 is November 24, 1997.
5. The date from which applicant may claim right is June 6, 1977.
6. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. Water Permit Nos. 5720-3 and 5720B-3, combined authorize a total diversion of 478 acre-feet of water annually.
3. The Big Sioux Community Water Corporation shall report to the Chief Engineer annually the amount of water withdrawn each year from the Big Sioux:Moody Aquifer.
4. The well authorized by Permit No. 5720B-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.

WATER MANAGEMENT BOARD

By: John Hatch
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

FEB 27 1998

date



Supplemental Information

(type or print in ink)



1. Well Information - Proposed Construction

- a) Drill Hole Diameter 24" Depth approx 40ft
- b) Casing Type Steel Diameter 12" Thickness .375"
- c) Screen Type 304, Stainless Diameter 12" Thickness Length 10'
- d) Gravel Pack 5-6" Length of Gravel Pack 13'
- e) Depth to Top of Water Bearing Material 3-4'
- f) Depth to Water (ground surface to water level) approx. 10ft
- g) Distance to nearest existing domestic well:
- On applicants property 1000'+ On property owned by others Irrigation well: 800'+
Domestic: 1+miles

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

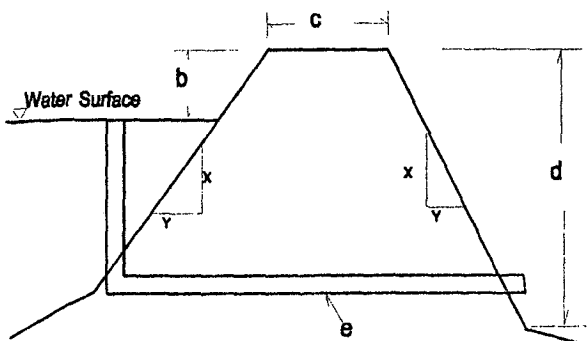
3. Dugout Information

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

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to 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:



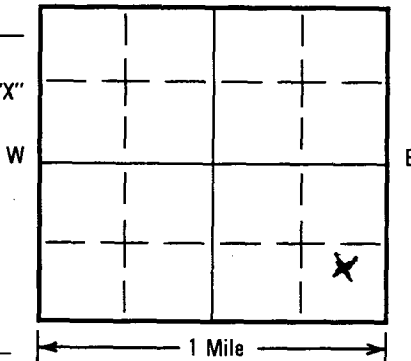
- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 7 Twp 106-N Rg 48-W
 County Moody

Please mark well location with an "X"



Well Completion Date

10-23-97

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 1/2 mile ft. from River (identify source).

PROPOSED USE:

- ☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☒ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Bucket

CASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	<u>-6</u> FT	<u>27'</u> FT	<u>20</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Bentonite</u>	<u>12</u>	<u>100</u> lb./gal	<u>6</u> ft.	<u>9'</u> ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 12" IN Length 8' FEET

Material Stainless Steel

Slot Size .110 Set From 27 Feet to 348" Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: Chlorine

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis

Their Lab

Well Owner: Big Sioux PWS

Business Name: _____

Address: RR3 Box 158

Egan, So. Dak 57024

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Fill	0	5
Brown Sand	5	10
GRAVEL	10	15
Coarse Uniform GRAVEL	15	34'8"

STATIC WATER LEVEL 9'3" Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped

Describe: _____

☐ Bailed

☐ Other

Pumping Level Below Land Surface

22' ft. After 4 Hrs. pumped 620 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 111

And this report is true and accurate.

Drilling firm Lacey Well Drilling

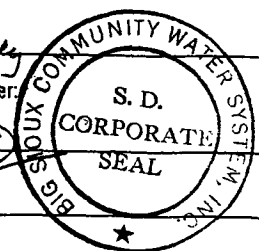
Signature of License Representative:

Joan Redden-Lacey

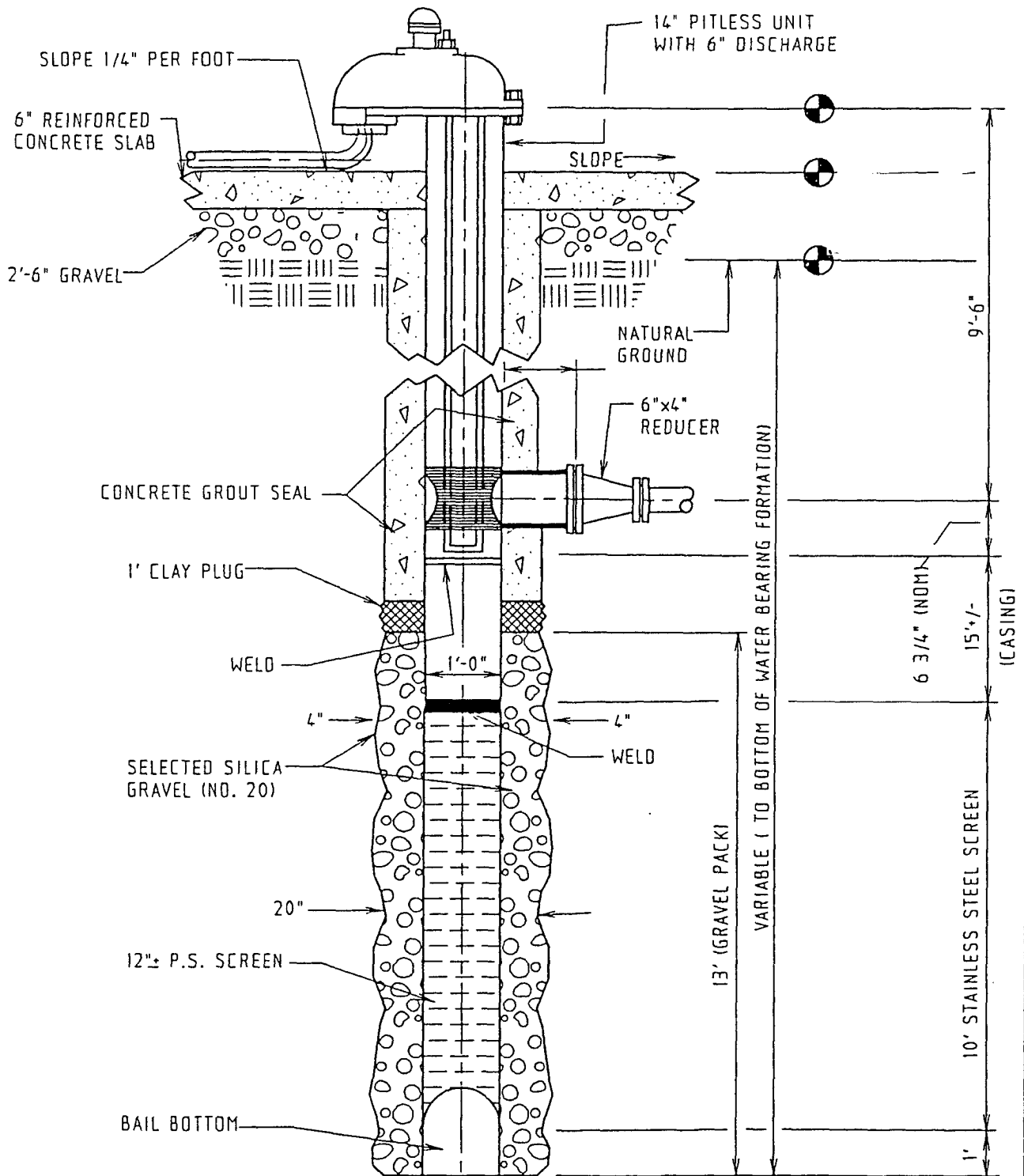
Signature of Well Owner or Equitable Property Holder:

[Signature]

Date: _____



Design of relocated Well no. 5



NOTES

1. SET PUMP INLET AT 2' FROM TOP OF SCREEN.
2. LOWER PROBE CONTROLLER SET AT 2' UP FROM PUMP INLET.
3. UPPER PROBE CONTROLLER SET 2' UP FROM LOWER PROBE.

WATER TREATMENT PLANT ADDITION

Big Sioux Community Water

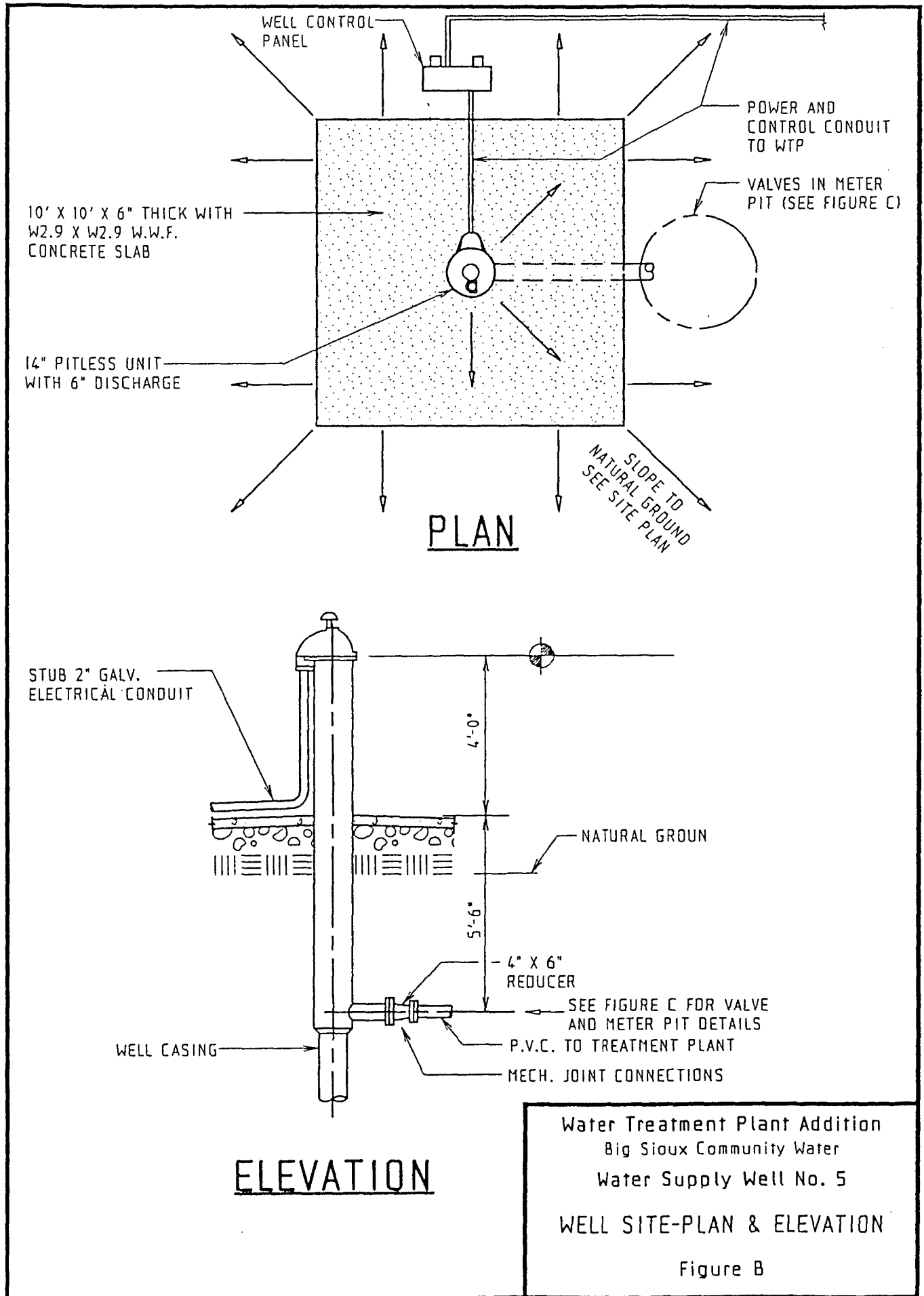
WATER SUPPLY WELL

FINISHED WELL CROSS SECTION

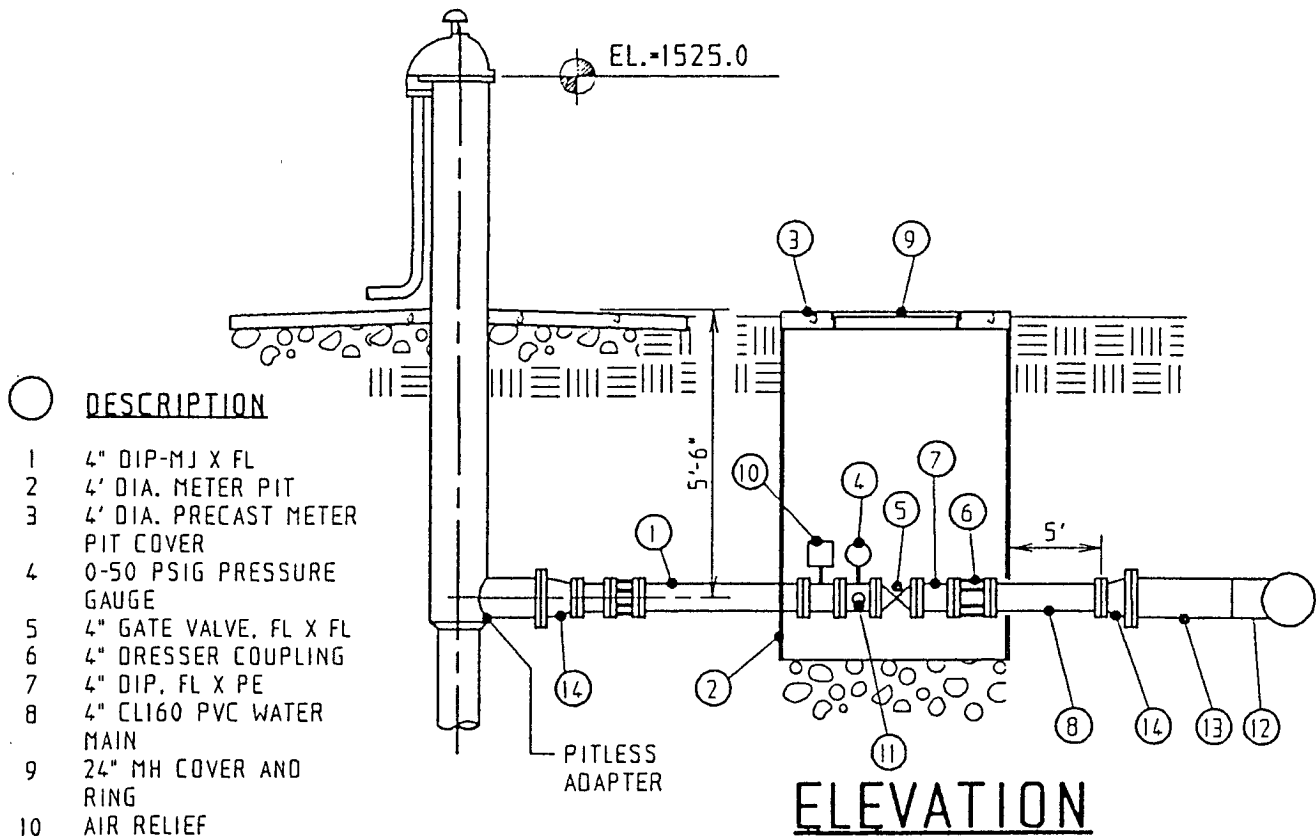
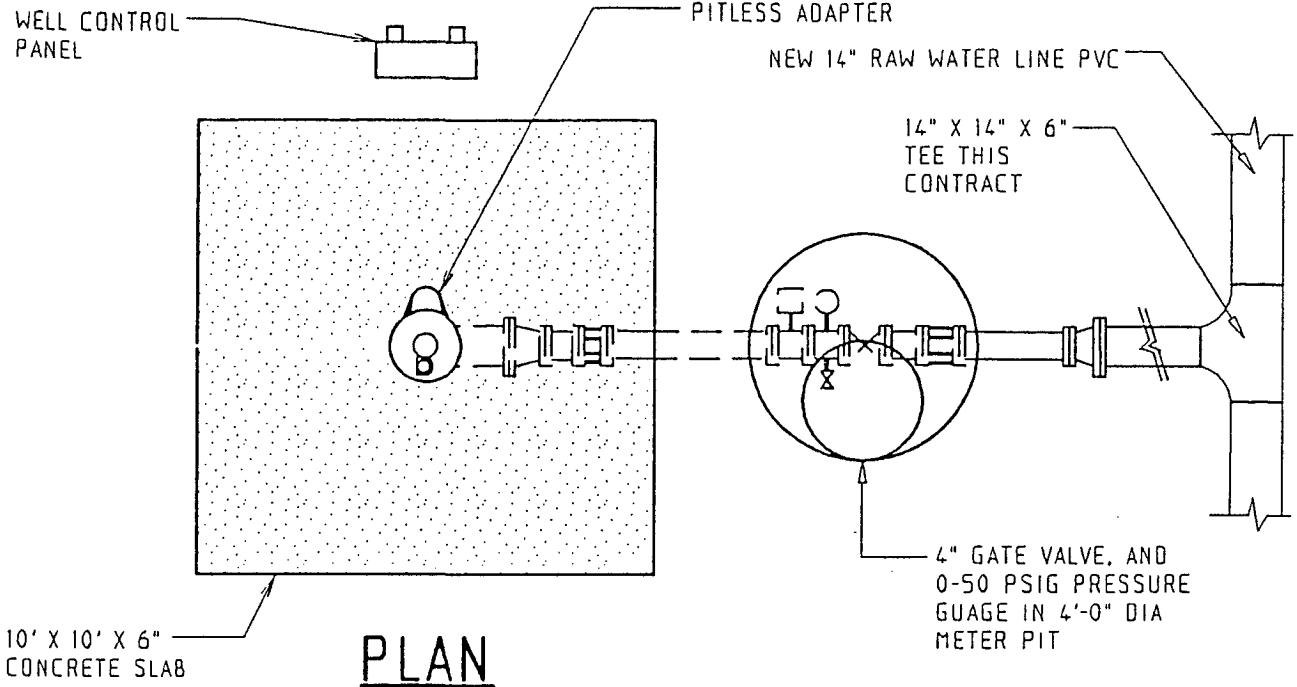
WELL NO. 5

FIGURE A

Design of relocated Well. no. 5



Design of relocated well no. 5



- DESCRIPTION**
- 1 4" DIP-MJ X FL
 - 2 4' DIA. METER PIT
 - 3 4' DIA. PRECAST METER PIT COVER
 - 4 0-50 PSIG PRESSURE GAUGE
 - 5 4" GATE VALVE, FL X FL
 - 6 4" DRESSER COUPLING
 - 7 4" DIP, FL X PE
 - 8 4" CL160 PVC WATER MAIN
 - 9 24" MH COVER AND RING
 - 10 AIR RELIEF
 - 11 1" FLUSHING CONN. & CORP. STOP
 - 12 14" X 14" X 4" C.I. TEE ON EXISTING WATER LINE
 - 13 6" CLASS 160 PVC WATER LINE
 - 14 4" X 6" REDUCER

Water Treatment Plant Addition
Big Sioux Community Water
Water Supply Well No. 5
VALVES, GAUGES, & METER PIT

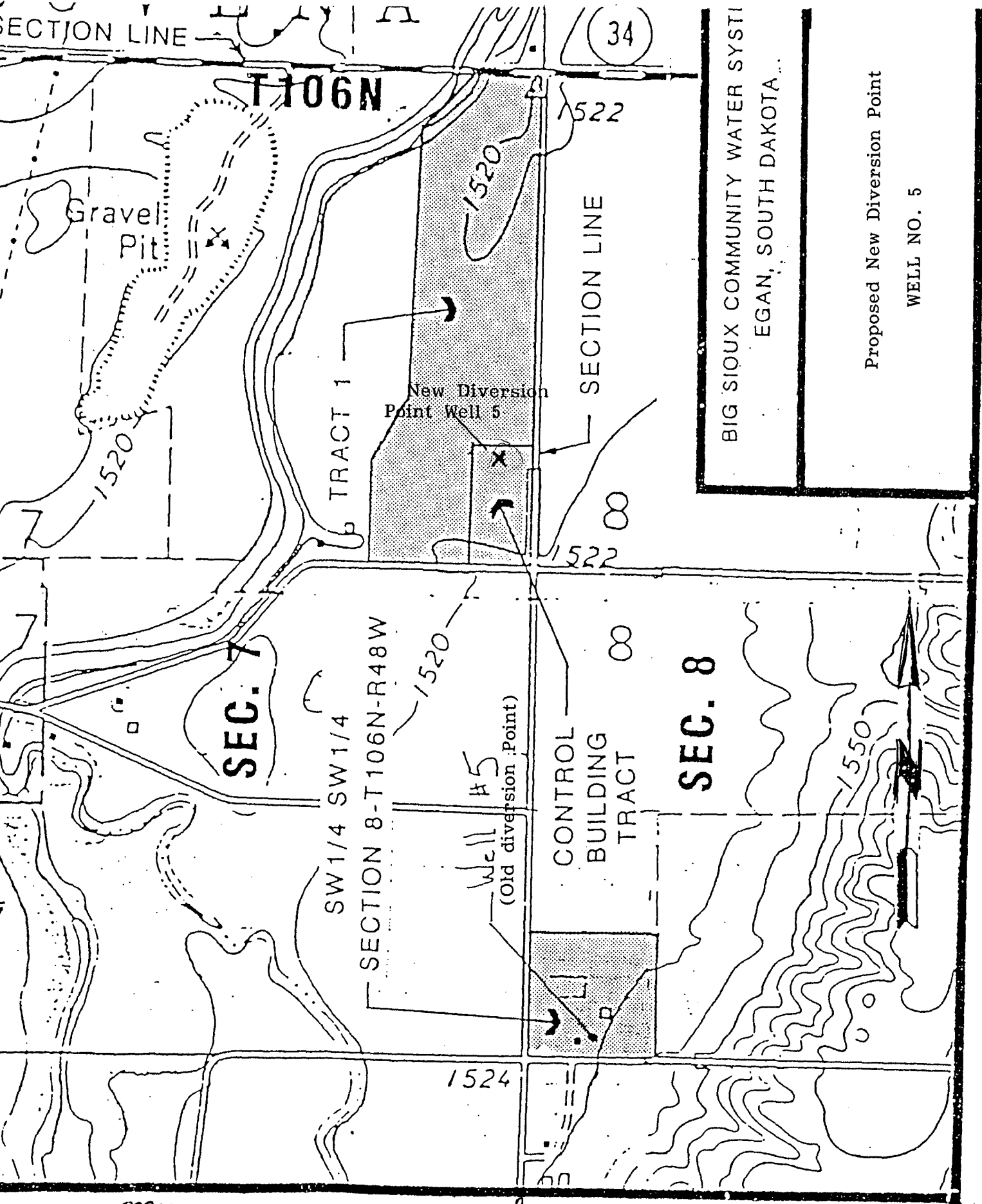
FIGURE C

9-24-97

Joel Curran NRCs

Acting District Conservationist

5720B-3



RECEIPT

Division of Water Rights

415477

South Dakota Department of Environment and Natural Resources

Pierre, _____

September 29, 19 97

RECEIVED OF Big Sioux Community Water, Inc., P.O. Box 158, Egan, SD 57024-0158.

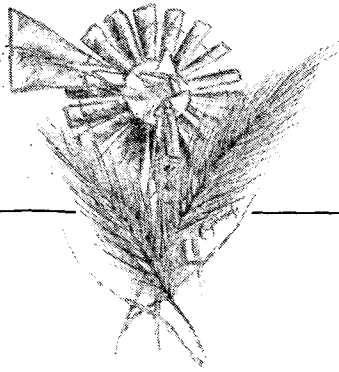
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>5720B-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	50	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By _____

Chief Engineer



Big Sioux

Community Water System, Inc.

BOX 158 • EGAN, SOUTH DAKOTA 57024 • (605) 997-2098

September 21st, 1997

Dear Ron,

Thanks for your letter dated September 11, 1997. Your suggestion on waiting to license well no. 5 is a good one, and I very much appreciate the input on this matter. Please re-bill us for the four other licenses and I will inform you when the change in diversion point has taken place.

Please also find enclosed completed application, and fee, for amendment to permit 5720-3 for change in diversion point.

Any questions, please call me at phone number above.

Sincerely,

Martin Jarrett
Manager

*Keith and Lillian
request license fees
for four licenses
9/25/97*



REPORT ON WATER PERMIT APPLICATION NO. 5720B-3
for Big Sioux Community Water, Inc.
October 8, 1997

Application No. 5720B-3 proposes to change the location of the diversion point authorized by Water Permit No. 5720A-3. Water Permit No. 5720A-3 authorized construction and placement to beneficial use 1.1 cfs (478 acre feet annually) from one well located in the SW 1/4 SW 1/4 of section 8, T106N-R48W in Moody County. This water had been reserved by Future Use Permit Nos. 3984-3 and 3984A-3. This application requests to change the well location to the SE 1/4 NE 1/4 of section 7, T106N-R48W. No increase in the diversion rate is authorized by this application. The water will be used to supply the Big Sioux Community Water Corporation.

AQUIFER - BIG SIOUX MOODY (BS-M)

The Big Sioux Moody aquifer is a shallow surficial outwash (sand and gravel) which is under unconfined conditions. The aquifer consists of fine to medium, poorly sorted sand, to a well-sorted sand and medium gravel (Hansen, 1986). The aquifer underlies 33,100 acres and contains an estimated 124,130 acre feet of recoverable water in storage in Moody County (Hedges, 1982). The USGS estimates the aquifer underlies 58 square miles and contains 163,000 acre feet of water in storage (Hansen, 1986). Ground water movement is generally from north to south and locally toward the Big Sioux River. The aquifer is hydraulically connected to the Big Sioux River throughout the entire length of the river in Moody County.

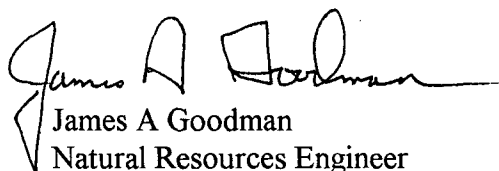
The Water Rights Program monitors 21 observation wells completed into the Big Sioux Moody aquifer in Moody County. The nearest observation wells to this application are MY-82E and MY-82F. Both of these observation wells are located within a one mile radius of this application. Water levels for these wells show good response to climatic conditions, that is, rising during wet years and gradually declining water levels during dry years. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 1997).

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There is one existing water right No. 2153-3 with a diversion point located about 800 feet northwest of this application. Interference is not a concern. Drawdown will occur as result of pumping but at this distance any drawdown should be minor and not cause adverse effects. The rural water system also has four other wells completed into the Big Sioux Moody aquifer all located in a line south of this application extending about one and one-half miles. These wells have been in use for many years with no apparent problems.

CONCLUSIONS

1. Water is available from the Big Sioux Moody aquifer.
2. The aquifer is unconfined and under water table conditions. Drawdown is not expected to be significant at these pumping rates and distances between existing wells. Interference is not a concern.
3. The present location was authorized by Water Permit No. 5720-3, then the location was moved by Water Permit Application No. 5720A-3 and now is to be moved back to the original location. A well, #5, was drilled for No. 5720A-3 but this well will be abandoned and plugged. The new well will also be called well #5.
4. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.
5. This application will allow a diversion rate of 1.1 cfs and 478 acre feet of water use annually. Any water not developed under this application will revert to Future Use Permit Nos. 3984-3 and 3984A-3.



James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

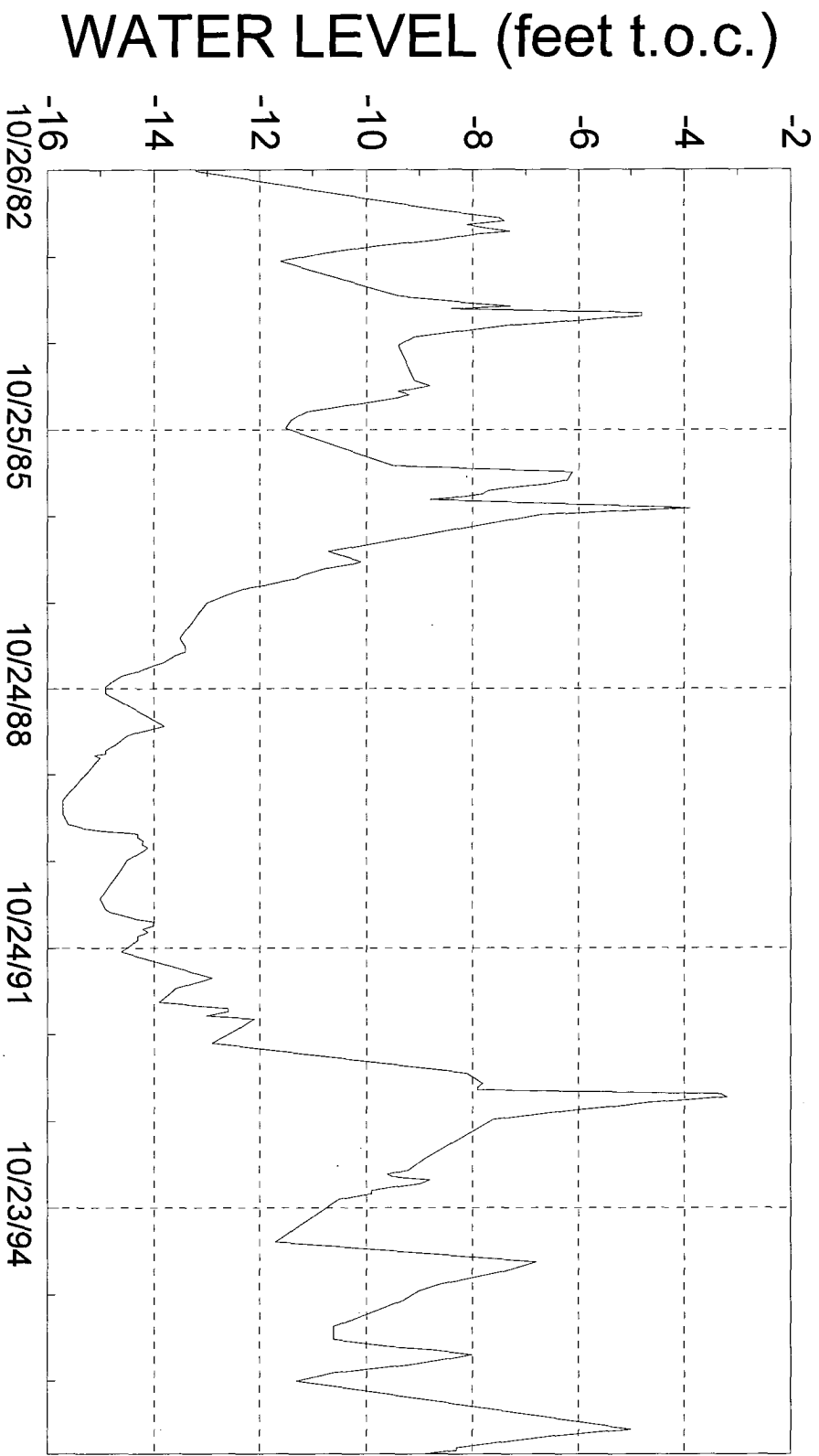
Hansen, D.S., 1986, Water Resources of Lake and Moody Counties, South Dakota, USGS WRI 84-4209, USGS, Huron, SD, 57350.

Hedges, L.S., etal, 1982, Evaluation of Ground-Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 1997, Unpublished Observation Well Data for Moody County, SD DENR, Division of Environmental Services, Water Rights Program, Pierre, SD, 57501.

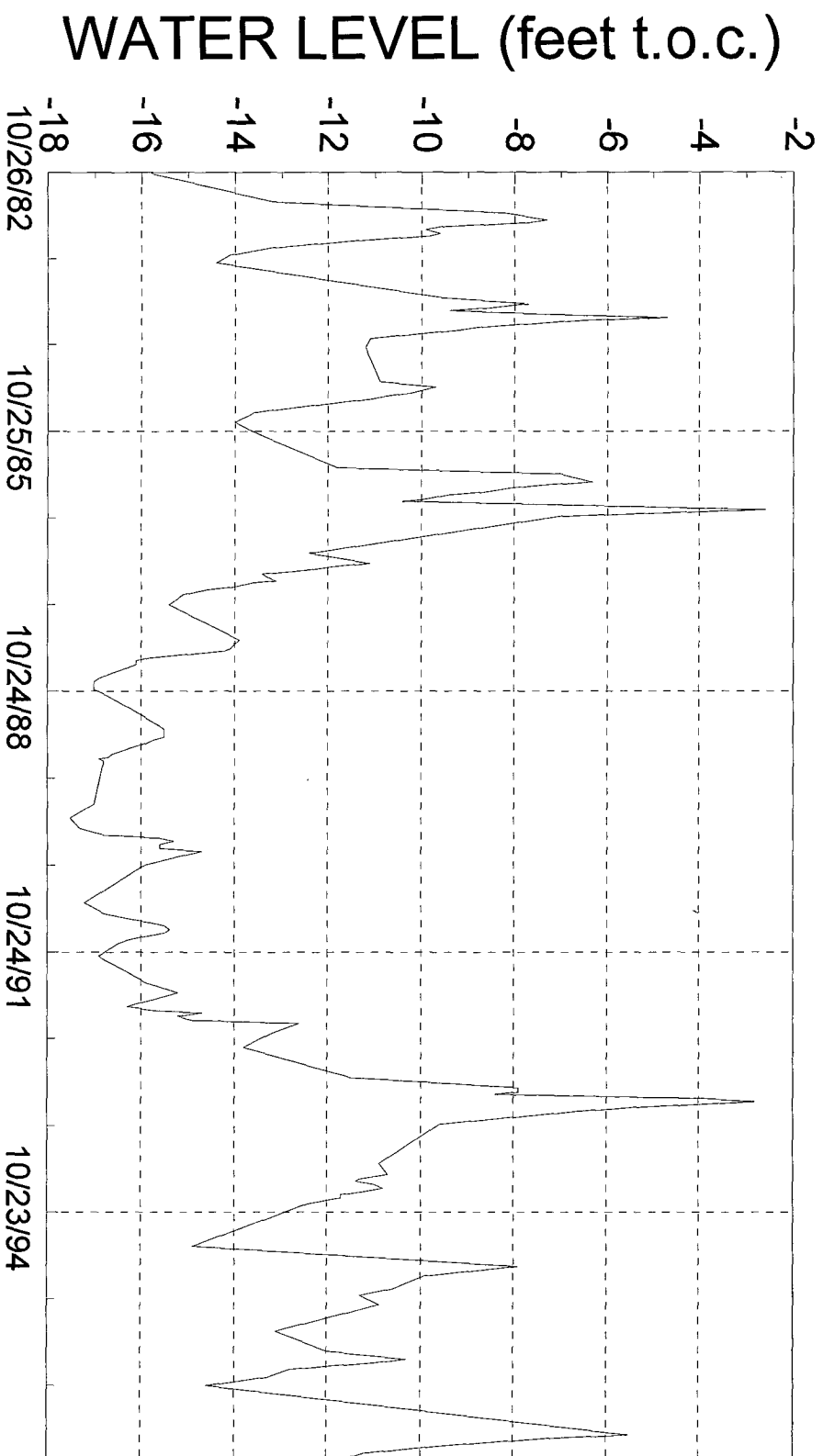
WATER RIGHTS OBSERVATION WELL

MY-82E



WATER RIGHTS OBSERVATION WELL

MY-82F



**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5720B-3, Big Sioux Community Water, Inc.**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 5720B-3, Big Sioux Community Water, Inc., c/o Martin Jarrett, PO box 158, Egan, SD 57024.

The Chief Engineer is recommending APPROVAL of Application No. 5720B-3 because 1) the proposed diversion can be developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use and 3) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. Water Permit Nos. 5720-3 and 5720B-3, combined authorize a total diversion of 478 acre-feet of water annually.
3. The Big Sioux Community Water Corporation shall report to the Chief Engineer annually the amount of water withdrawn each year from the Big Sioux:Moody Aquifer.
4. The wells authorized by Permit No. 5720B-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.

See report on application for additional information.



JOHN HATCH, Chief Engineer
October 27, 1997



October 29, 1997

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

Big Sioux Community Water, Inc.
%Martin Jarrett, Manager
P.O. Box 158
Egan, SD 57024

Dear Mr. Jarrett:

Water Permit Application No. 5720B-3 for rural water system use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publishers of the:

Brookings Register printed at Brookings, SD (Ph # (605) 692-6271);
Moody Co. Enterprise printed at Flandreau, SD (Ph # (605) 997-3725);
the Daily Leader printed at Madison, SD (Ph # (605) 256-4555); and
the Argus Leader printed at Sioux Falls, SD (Ph # (605) 331-2200).

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 prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspapers to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the papers can eliminate delays. The publishers have 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. The newspapers have been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 29, 1997

Moody Co. Enterprise
Box 71
Flandreau, SD 57028-0071

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 5720B-3 to be published twice. Please publish the first notice on November 4, 1997, 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 Big Sioux Community Water, Inc., %Martin Jarrett, Manager, P.O. Box 158, Egan, SD 57024 (Ph # (605) 997-2098).

A copy of BOTH publications must be SENT to the WATER RIGHTS PROGRAM. 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. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 29, 1997

Argus Leader
P.O. Box 5034
Sioux Falls, SD 57117-5034

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Sincerely,

Eric Gronlund
Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

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TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 29, 1997

Daily Leader
P.O. Box 348
Madison, SD 57042-0348

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 5720B-3 to be published twice. Please publish the first notice on November 5, 1997, 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 Big Sioux Community Water, Inc., %Martin Jarrett, Manager, P.O. Box 158, Egan, SD 57024 (Ph # (605) 997-2098).

A copy of BOTH publications must be SENT to the WATER RIGHTS PROGRAM. 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. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 29, 1997

Brookings Register
P.O. Box 177
Brookings, SD 57006-0177

ATTENTION: Legal Department

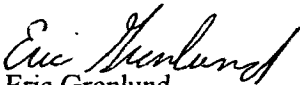
Enclosed is a Notice of Hearing on Application No. 5720B-3 to be published twice. Please publish the first notice on November 5, 1997, with the second publication 7 days later.

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 Big Sioux Community Water, Inc., %Martin Jarrett, Manager, P.O. Box 158, Egan, SD 57024 (Ph # (605) 997-2098).

A copy of BOTH publications must be SENT to the WATER RIGHTS PROGRAM. 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.

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Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ 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 November 5, 1997, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 5720B-3 to Amend Water Permit No. 5720A-3

Notice is given that Big Sioux Community Water, Inc., PO Box 158, Egan SD 57024 has filed an application for a water permit to change the location of the diversion point authorized by Water Permit No. 5720A-3. Water Permit No. 5720A-3 authorized construction and placement to beneficial use 1.1 cubic feet of water per second (478 acre-feet annually) from one well (Big Sioux:Moody Aquifer) reserved for future use by Permit Nos. 3984-3 and 3984A-3. This application requests to change the well location from the SW 1/4 SW 1/4 Section 8-T106N-R48W to the SE 1/4 NE 1/4 Section 7-T106N-R48W. No increase in the diversion rate is authorized by this application. The water will be used to supply the Big Sioux Community Water Corporation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5720B-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 24, 1997.

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 the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

Form 8



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Moody) SS

I, Angela Nibbelink

certify that the attached printed Notice was taken

from the Moody County
Enterprise

printed and published in Flandreau

County of Moody and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

Nov. 5, 1997

Nov. 12, 1997

Cost of Printing \$40.05

Angela Nibbelink
(Signature)

Forkeeper
(Title)

11-12-97
(Date Signed)

NOTICE OF APPLICATION NO. 5720B-3 to Amend Water Permit No. 5720A-3

Notice is given that Big Sioux Community Water, Inc., PO Box 158, Egan, SD 57024 has filed an application for a water permit to change the location of the diversion point authorized by Water Permit No. 5720A-3. Water Permit No. 5720A-3 authorized construction and placement to beneficial use 1.1 cubic feet of water per second (478 acre-feet annually) from one well (Big Sioux: Moody Aquifer) reserved for future use by Permit Nos. 3984-3 and 3984A-3. This application requests to change the well location from the SW 1/4 SW 1/4 Section 8-T106N-R48W to the SE 1/4 NE 1/4 Section 7-T106N-R48W. No increase in the diversion rate is authorized by this application. The water will be used to supply the Big Sioux Community Water Corporation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5720B-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E. Capitol, Pierre, SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 24, 1997.

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 the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

(Nov. 5 & 12, 1997)



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County of Brookings) SS

I, Nancy P. Skyberg

certify that the attached printed Notice was taken
 from the Brookings Register

printed and published in Brookings

County of Brookings and

state of South Dakota. The notice was published
 in the newspaper on the following two dates:

November 5, 1997

November 12, 1997

Cost of Printing forty dollars and
sixty cents \$40.60

Nancy P. Skyberg
 (Signature)

Legal Ad. Coordinator
 (Title)

12-1-97
 (Date Signed)

Legal 636, 2x, 11/5, 12
 NOTICE OF APPLICATION NO.
 5720B-3 to Amend Water Permit No.
 5720A-3

Notice is given that Big Sioux Community Water, Inc., PO Box 158, Egan SD 57024 has filed an application for a water permit to change the location of the diversion point authorized by Water Permit No. 5720A-3. Water Permit No. 5720A-3 authorized construction and placement to beneficial use 1.1. cubic feet of water per second (478 acre-feet annually) from one well (Big Sioux:Moody Aquifer) reserved for future use by Permit Nos. 3984-3 and 3984A-3. This application requests to change the well location from the SW 1/4 SW 1/4 Section 8-T106N-R48W to the SE 1/4 NE 1/4 Section 7-T106N-R48W. No increase in the diversion rate is authorized by this application. The water will be used to supply the Big Sioux Community Water Corporation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5720A-3 because 1) existing rights will not be unlawfully impaired, 2) it is beneficial use of water, and 3) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 24, 1997.

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 the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA

County of Lake

ss.

Deanna Bergheim

..... of the City of Madison,
County of Lake, State of South Dakota, being first duly sworn on oath, deposes and says:

The Madison Daily Leader is a daily legal newspaper of general circulation, printed and published in the City of Madison, in said County of Lake, by Hunter Publishing, Inc., Jon M. Hunter, publisher, and has been such legal newspaper during the times hereinafter mentioned; that the said Madison Daily Leader has been in existence as such legal newspaper for more than one year prior to the publication of the notice hereunto attached, and has during all of said time had, and now has, more than 200 bona fide subscribers; that the undersigned, the affiant, is the Secretary... of the said newspaper, in charge of the advertising department thereof and has personal knowledge of all the facts stated in this affidavit and the advertisement headed

Notice of Application No. 5720B to Amend Water

Permit No. 5720A-3

printed copy of which hereunto attached, was printed and published in the said newspaper for two successive weeks, once each week and on the same day of the week, on the following dates, to-wit:

On Wednesday, the 5th day of November, 19 97;
On Wednesday, the 12th day of November, 19 97;
On the day of 19;
On the day of 19;
On the day of 19;
On the day of 19;
On the day of 19;
On the day of 19;

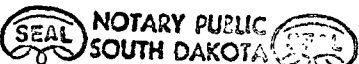
That \$ 40.20 being the full amount of the fees for publication of the attached notice inures solely for the benefit of the publisher of the said newspaper; that no arrangement or understanding for a division thereof has been made with any other person and that no part thereof has been agreed to be paid to any other person whomsoever.

Deanna Bergheim

Subscribed and sworn to before me this 24th day of

November 19 97

CHERYL JONES



Cheryl Jones
Notary Public, Lake County, South Dakota:



Wednesday, Nov. 5 & 12

**NOTICE OF APPLICATION
NO. 5720B-3 TO AMEND WATER
PERMIT NO. 5720A-3**

Notice is given that Big Sioux Community Water, Inc., PO Box 158, Egan, SD 57024 has filed an application for a water permit to change the location of the division point authorized by Water Permit No. 5720A-3. Water Permit No. 5720A-3 authorized construction and placement to beneficial use 1.1 cubic feet of water per second (478 acre-feet annually) from one well (Big Sioux: Moody Aquifer) reserved for future use by Permit Nos. 3984-3 and 3984A-3. This application requests to change the well location from the SW¼ SW¼ Section 8-T106N-R48W to the SE¼ NE¼ Section 7-T106N-R48W. No increase in the diversion rate is authorized by this application. The water will be used to supply the Big Sioux Community Water Corporation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5720B-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

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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 the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application.

NETTIE H. MYERS

Secretary, Department of
Environment and Natural Resources

Pr

Notary Fees _____ \$

Total _____ \$

Received Payment,

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA
COUNTY OF MINNEHAHA

Mary Boysen being duly sworn, says: That The Sioux Falls Argus Leader is, and during all the times hereinafter mentioned was, and shall be, a legal newspaper as defined by SDCL 17-2-21, as amended published at Sioux Falls, Minnehaha County, South Dakota by Sioux Falls Newspapers, Inc.; that affiant is and during all of said times, was an employee of the publisher of such newspaper and has personal knowledge of the facts stated in this affidavit; that the notice, order or advertisement, a printed copy of which is hereto attached, was published in said newspaper upon

WED	, the	5	day of	NOVEMBER	1997,
WED	, the	12	day of	NOVEMBER	1997,
	, the		day of		1997,
	, the		day of		1997,
	, the		day of		1997,
	, the		day of		1997,
	, the		day of		1997,

and that \$85.50 was charged for publishing the same including a \$5.00 affidavit fee.

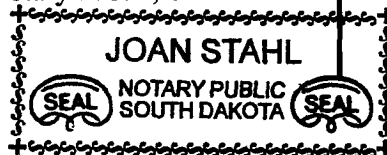
Mary Boysen

Subscribed and sworn to before me November 13, 1997,

Joan Stahl

Notary Public, South Dakota

My Commission expires June 30, 2005



State Notices

NOTICE OF APPLICATION NO. 5720B-3 TO AMEND WATER PERMIT NO. 5720A-3

Notice is given that Big Sioux Community Water, Inc., P.O. Box 158, Egan, SD 57024, has filed an application for a water permit to change the location of the diversion point authorized by Water Permit No. 5720A-3. Water Permit No. 5720A-3 authorized construction and placement to beneficial use 1.1 cubic feet of water per second (478 acre-feet annually) from one well (Big Sioux: Moody Aquifer) reserved for future use by Permit Nos. 3984-3 and 3984A-3. This application requests to change the well location from the SW1/4 SW1/4 Section 8-T106N-R48W to the SE1/4 NE1/4 Section 7-T106N-R48W. No increase in the diversion rate is authorized by this application. The water will be used to supply the Big Sioux Community Water Corporation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5720B-3 because 1) existing rights will not be unlawfully impaired, 2) it

is a beneficial use of water, and 3) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

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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 the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application.

Nettie H. Myers, Secretary,
Department of Environment and
Natural Resources
2031. Nov. 5, 12, 1997





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

FEB 27 1998

Martin Jarrett, Manager
Big Sioux Community Water Corp.
PO Box 158
Egan SD 57024

Dear Mr. Jarrett:

Enclosed is Water Permit No. 5720B-3 authorizing the change in location of the diversion point authorized by Water Permit No. 5720A-3. Also, enclosed is a Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use* to complete and submit to the Chief Engineer when the well is completed and the water is put to beneficial use. The time period to place water to beneficial use under Permit No. 5720-3 does not expire until March 3, 2002.

We will then schedule another investigation so that the Water License may be issued, thus completing the acquisition of a Water Right.

Very truly yours,

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

enclosures

ks



NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE

Date March 2nd, 1998

TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM: Big Sioux Community Water System, Inc. , PO Box 158
(name) (address)

Egan South Dakota, 57024 (605) 997-2098
(city) (state) (zip) (phone)

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 5720B-3.

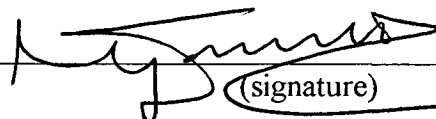
Water Permit No. 5720B-3 states that the diversion system is to be constructed by 3/3/002, and that the water is put to beneficial use by
(date)

3/3/002
(date)

The diversion system was completed on 1/15/98.
(date)

Applying the water to beneficial use was completed on 1/15/98.
(date)

You may schedule an inspection so that the Water License may be issued.


(signature)

Water Rights Program - File Documentation

NAME: Big Sioux Community Water Inc.

ADDRESS: Egan

DATE: 9-2-1998 COUNTY: Moody TELEPHONE:

RE: Future Use Permit No. 3984A-3

COMMENTS:

Water Permit No. 5720B-3 authorized:	1.1 cfs	478 AF annually ¹
Investigation found system capable of diverting:	<u>-0.67 cfs</u>	<u>291 AF annually²</u>
Reverting back to future use:	0.43 cfs	187 AF annually

¹ Full time pumping = $1.1 \text{ cfs} \times 724 = 796 \text{ AF annually}$
Permit issued for 60% of 796 = 478 AF annually

² Investigation found system pumping 0.67 cfs
Full time pumping = $0.67 \times 724 = 485 \text{ AF annually}$
Maximum expected pumping volume is 60% of 485 = 291 AF annually

Karen Schlaak

Karen Schlaak
Environmental Scientist

Permit No. 5720-3, 5720A-3, & 5720B-3

Big Sioux River - Water District

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

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

On, **August 11, 1998**, I made a thorough examination of the water use system constructed by **Big Sioux Community Water, Inc of PO Box 158 Egan SD** holder of Permit Nos. **5720-3, 5720A-3 & 5720B-3**, bearing the priority of **June 6, 1977** authorizing the diversion of **1.1** cu. ft. per second of the waters of **groundwater, Big Sioux Aquifer** for **rural water system** purposes, in **Moody, Lake, Brookings & Minnehaha** Counties.

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

A. Works used to divert the water:

A J-Line Pump

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

Rural water distribution system

The system is in the following condition **good**. The point of diversion is located **From the SE corner of Section 7 T106N-R48W: 250 ft West and 3000 ft North**. The works are capable of diverting and conveying to the place of use **0.67** cu. ft. per second of water which is to be used for **rural water system purposes**. Water has been put to beneficial use to the maximum extent and the license should be issued for **0.67** cfs.

Applicable permit qualifications have been complied with: **yes**

Exceptions to compliance are: **none**



Mark D. Rath
Natural Resources Engineer
DENR, Water Rights Program

8/21/98
Date

REPORT ON INSPECTION OF PERMIT NO. 5720-3, 5720A-3 & 5720B-3

DATE OF INSPECTION: 8/11/98

Contact Person & Address: Martin Jarrett, , Big Sioux Community Water Corp,
Box 158 Egan SD

DIVERSION POINT LEGAL LOCATION: From the SE corner of Section 7
T106N-R48W: 250 ft West and 3000 ft North

WATER SUPPLY Source: groundwater, Big Sioux Aquifer

Well Information:

- | | |
|-------------------------------------|-----------------------------------|
| 1) Well Drilling Firm: <u>Lacey</u> | 2) No. of Wells <u>1</u> |
| 3) Depth(s) <u>35</u> feet | 4) Well log is available <u>y</u> |

Casing:

- | | |
|------------------------------|--------------------------|
| 1) Diameter <u>12</u> inches | 2) Length <u>27</u> feet |
| 3) Type <u>steel</u> | |

Screen:

- | | |
|-------------------------------------|-------------------------|
| 1) Type <u>stainless steel</u> | 2) Length <u>8</u> feet |
| 3) Static water level <u>9</u> feet | |

Pump/motor:

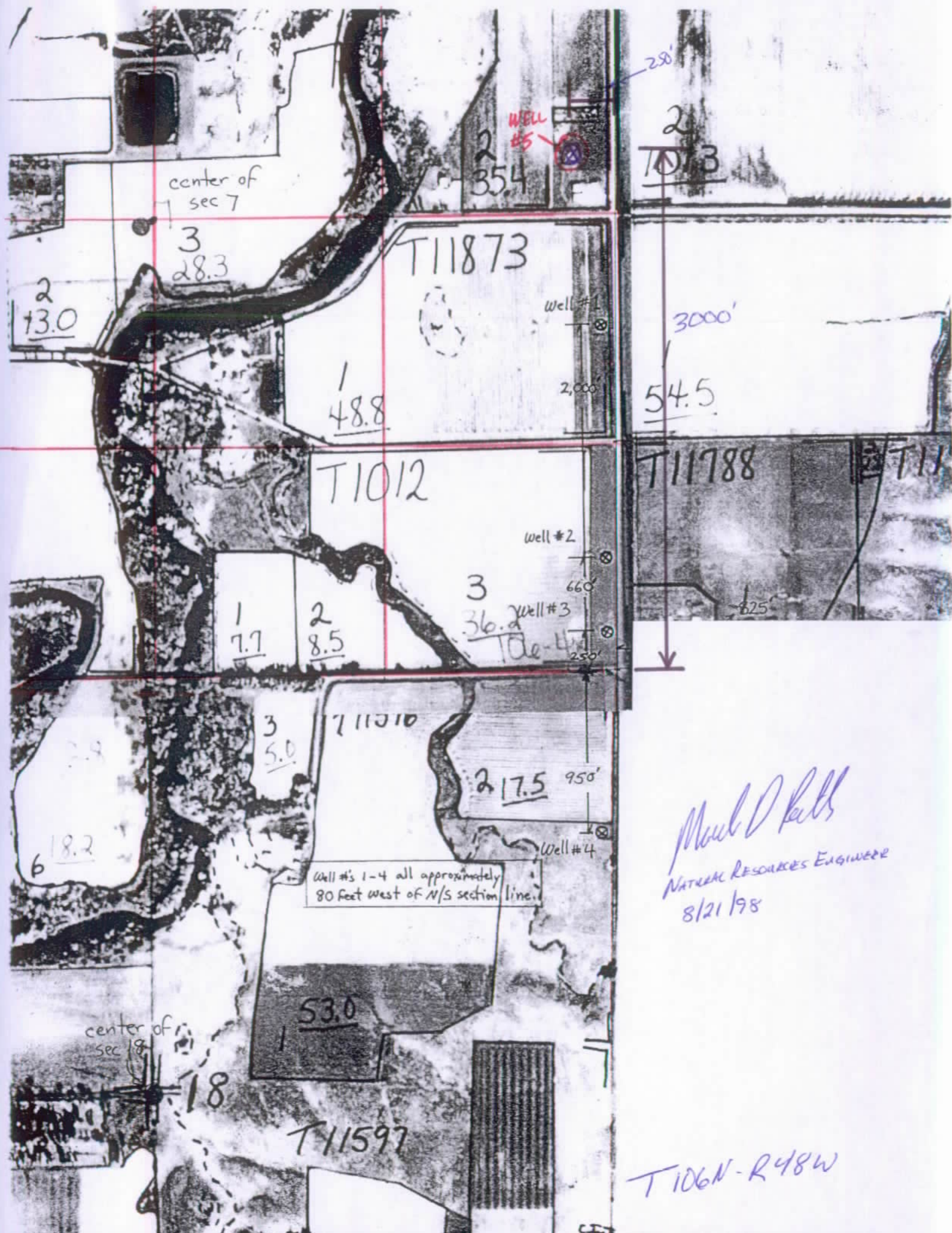
- | | |
|----------------------------|------------------------------------|
| 1) Make <u>J-Line</u> | 2) Model <u>submersible</u> |
| 3) Capacity <u>300</u> GPM | 4) Horsepower rating <u>7.5</u> hp |

DISTRIBUTION LINES OR CANALS:

- 1) Type RWS distribution system

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Special qualifications to permit being abided by yes
- 2) All structures, wells and lands on map yes



Moul D Kells
NATURAL RESOURCES ENGINEER
8/21/98

T106N-R48W

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 5720B-3

(1) Big Sioux Community Water Inc., PO Box 158, Egan SD 57024 made Application No. 5720B-3, September 25, 1997 for a water permit to change the diversion point location authorized by Water Permit No. 5720A-3. The diversion point (one well) is located in Moody County, South Dakota and is used for rural water system use purposes. Permit No. 5720B-3, with a priority date of June 6, 1977 (established by Future Use Permit Nos. 3984-3 and 3984A-3) was approved November 24, 1997 and issued to the applicant for diversion of water with construction of the described water supply system completed and the application to beneficial use of said water completed.

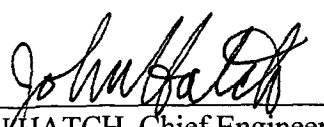
- Water Permit No. 5720-3, with a priority date of June 6, 1977, authorizes diversion of 1.1 cubic feet of water per second (478 acre-feet annually) from one well located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7-T106N-R48W.
- Water Permit No. 5720A-3 authorized a change in the location of the diversion point under No. 5720-3 from the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7 to the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 8-T106N-R48W. No. 5720A-3 did not allow for an increase in the diversion rate.
- Water Permit No. 5720B-3 authorized a change in the location of the diversion point described in No. 5720A-3 from the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 8 to the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7. No. 5720B-3 did not allow for an increase in the diversion rate specified in No. 5720-3.

The applicable portions of Nos. 5720A-3 and 5720-3 are incorporated into No. 5720B-3.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.67 cubic feet of water per second (291 acre-feet annually) for beneficial use. The location of the diversion point is 250 feet west and 3,000 feet north from the southeast corner of Section 7-T106N-R48W (SE $\frac{1}{4}$ NE $\frac{1}{4}$).

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use in Moody, Lake, Brookings and Minnehaha Counties.

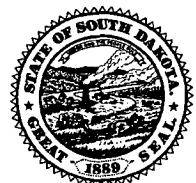
(4) Pursuant to South Dakota Water Law 46-5-30.1 Big Sioux Community Water Inc., PO Box 158, Egan SD 57024 the holder and/or owner of Incorporated Water Permit No. 5720B-3 is issued a license to appropriate water, the right to use 0.67 cubic feet of water per second (291 acre-feet annually) from groundwater (one well) with a priority date of June 6, 1977 (established by Future Use Permit Nos. 3984-3 and 3984A-3) from the location specified in (2) of this license for rural water system use. This license is subject to any limitations or qualifications listed in Water Permit No. 5720B-3 and subject to South Dakota State Law.



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

MAY 20 1999

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

April 21, 1999

Permit No. 5720B-3

Big Sioux Community Water, Inc.
%Martin Jarrett, Manager
P.O. Box 158
Egan, SD 57024

Dear Mr. Jarrett:

The investigation of your water use system was conducted on August 11, 1998, by Mark D. Rath, staff engineer. The investigation included the extent of application of water to beneficial use, as developed under Water Permit Nos. 5720-3, 5720A-3 and 5720B-3. Your final water right document, the Water License, can now be issued. Upon licensing, the applicable portions of Water Permit Nos. 5720-3 and 5720A-3 will be incorporated into 5720B-3.

Statutes require that we charge a \$50.00 fee for the investigation and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

**Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181**

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

Sincerely,

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

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

NE 416112

Pierre, _____ May 3, 1999

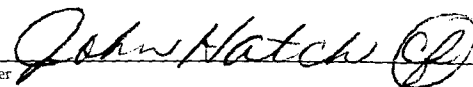
RECEIVED OF **Big Sioux Community Water, Inc., P.O. Box 158, Egan, SD 57024-0158**
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use _____		
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>5720B-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By

Chief Engineer

John Hatch 



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www.state.sd.us/denr

MAY 20 1999

5720B-3

Big Sioux Community Water, Inc.
%Martin Jarrett, Manager
P.O. Box 158
Egan, SD 57024

Dear Mr. Jarrett:

Enclosed is Water License No. 5720B-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 416112 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 5720B-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water 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.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
(605) 773-3352

ks
enclosures

NOTE: The applicable portions of Nos. 5720A-3 and 5720-3 are incorporated into No. 5720B-3.

SOUTH DAKOTA WATER WELL COMPLETION REPORT

5720B-3

07-92

Location NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 7 Twp 101-N Rg 48-W

County

North

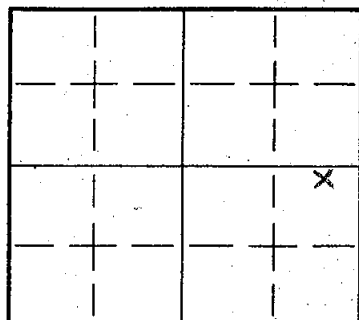
Moody

Please mark well location with an "X"

W

E

Well-Completion Date

9-4-12

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 1/4 mile ft. from River (identify source).

PROPOSED USE:

☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Bucket- False Casing

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>50</u> LB/FT	<u>12</u> IN	<u>+2'6"</u> FT	<u>26'6"</u> FT	<u>20</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Bentrite</u>	<u>4 Bags</u>	_____ lb./gal	<u>8</u> ft	<u>12</u> ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 12 IN Length 6 FEETMaterial Stainless SteelSlot Size 0.0 Set From 26'6" Feet to 35'6" Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

YES, How: Chlorine

_____, NO, Why Not? _____

in pack

Laboratory sent to for water quality analysis

Big Sioux

Well Owner: _____

Business Name: Big Sioux RWAddress: Box 158Egan, S.Dak. 57024

WELL LOG:

DEPTH

FORMATION

FROM

TO

Brown Topsoil04Brown Coarse Sand427Fine Gr. Gravel2733Coarse Gr. Sand3335'6"

STATIC WATER LEVEL

14'6"

Feet

If flowing: closed in pressure _____

PSI

GPM flow _____

through _____

inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____

GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ PumpedDescribe: Submersible☐ Bailed☐ Other _____

Pumping Level Below Land Surface

20'6" ft. After _____

Hrs. pumped _____

300

GPM

ft. After _____

Hrs. pumped _____

GPM

If pump installed, pump rate _____

GPM

REMARKS

Replacement
Well #1

RECEIVED

DEC 26 2012

WATER RIGHTS
PROGRAMThis well was drilled under license # 111

And this report is true and accurate.

Drilling firm LACO, Well Drilling Inc.

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: 12/20/2012