

Considered: _____

WATER PERMIT NO. 5329-3

MAP No. same 773-4509

Name of Applicant Dept. of Game, Fish and Parks

Post Office Address 445 E Capitol, Pierre SD 57501

Amount of Water Claimed 0.05 cfs Total Acres NA

Source of Water Supply ground water - 1 well

Water to be used for recreational use County Hughes

About 25 miles S of Harrold.

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

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

PRIORITY _____ Date Received Feb 7, 1989 Fee NA Remarks _____

Corrected Application Received May 16, 1989 Period of Annual Use Mar 1 - Oct 31

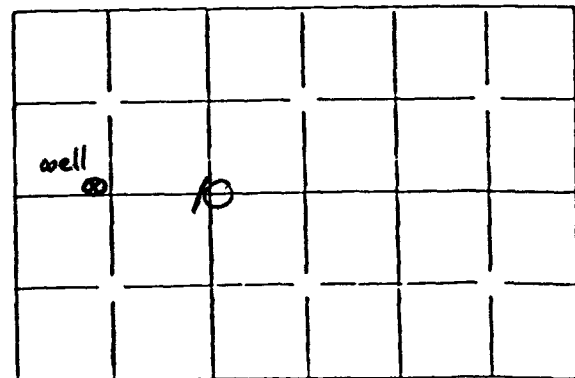
WATER QUALITY APPROVAL RECEIVED NA APPROVED/CONDITIONAL (Circle one)

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

Diversion Point well: SW 1/4 NW 1/4 section 10 -

T108N-R74W

Land to be Irrigated NA



Well Log: Driller Huron Drilling Licensed YES ☒ NO _____

Depth of Well 78 feet deep REMARKS _____

Type of Map plat PREPARED BY William Meyer Reviewed and the Number

assigned on May 19, 1989 By Ron Durrall

Mail to: Water Rights Division
 523 E. Capitol
 Pierre, SD 57501
 (605) 773-3352

1989
 DIVISION OF
 WATER RIGHTS
 Pierre, SD

No. 5329-3 Hydrologic Unit 10140101
 Map No. same Basin Missouri River
 Newspaper Daily Capitol Journal, PO Box 878
Pierre SD

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

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

Type of Application: Check one or more of the following

New ☒ Vested Right ☐ Future Use ☐ Change Use ☐

☐ Amend Permit No. _____ with old priority date retained

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

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

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

1. Name of Applicant DEPT. OF GAME, FISH & PARKS Phone No. 773-4509

Post Office Address 445 E. CAPITOL, PIERRE, SD State 57501
(Street, RR or Box) (City) Zip Code

2. Amount of water claimed (c.f.s.) 0.155 C.F.S. (74 P.M.) 0.05

3. Source of water supply WELL

4. Location of point of diversion S 2630.00' & E. 1210.00' FROM NW.
CORNER OF SECTION 10, T108N, R74W
SW 1/4 NW 1/4 County HUGHES

5. Counties where water will be used HUGHES

6. Annual period during which water is to be used MARCH¹ - OCTOBER³¹

7. Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

CONSTRUCT SHALLOW WELL PROVIDING 2071 GPM TO
 EXISTING ELEVATED RESERVIOR. THIS WELL WILL
 SUPPLEMENT THE EXISTING SYSTEM SERVING
 WEST BEND RECREATION AREA.

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

STATE OF SOUTH DAKOTA)
 County of Hughes)^{ss}

I, Douglas Hofer 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 Douglas Hofer

Subscribed and sworn to before me this 2nd day of February 19 89

[Signature]
 Notary Public

SOUTH DAKOTA
WATER PERMIT No. 5329-3

Date of first receipt of application February 7, 1989.

Date of receipt of corrected application May 16, 1989.

The Water Management Board approved Water Permit Application No. 5329-3 on July 26, 1989 for the Department of Game, Fish & Parks, 445 E. Capitol, Pierre, South Dakota 57501 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. 5329-3 appropriates 0.05 cubic feet of water per second from one well (Missouri-Pierre Aquifer) 78 feet deep located in the SW1/4 NW1/4 Section 10-T108N-R74W.
2. The water appropriated shall be used for the purpose of supplying the West Bend Recreational Area and may not exceed the amount of water needed for beneficial use for recreational, sanitary and potable purposes.
3. The water is to be used during the following described annual period:
March 1 - October 31.
4. The date from which applicant may claim right is May 16, 1989.
5. One-fifth of the construction is completed.
6. All construction is completed.
7. Water is put to beneficial use.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

WATER MANAGEMENT BOARD

By: _____

John Hated
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

SEP 12 1989

(date)

Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- a) Drill Hole Diameter 7 7/8 Depth 50'
- b) Casing Type PVC Diameter 5" Thickness 1/4"
- c) Screen Type SLOTTED PVC Diameter 5" Thickness 1/4"
- d) Gravel Pack Thickness 1 1/2 Length of Gravel Pack 5'
- e) Depth to Top of Water Bearing Material 27'
- f) Depth to Water (ground surface to water level) 27'
- g) Distance to nearest existing domestic well:
On applicants property 30' On property owned by others _____

2. Dugout Information Estimates

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

3. Water Storage Dams

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

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

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity _____
Spillway width _____

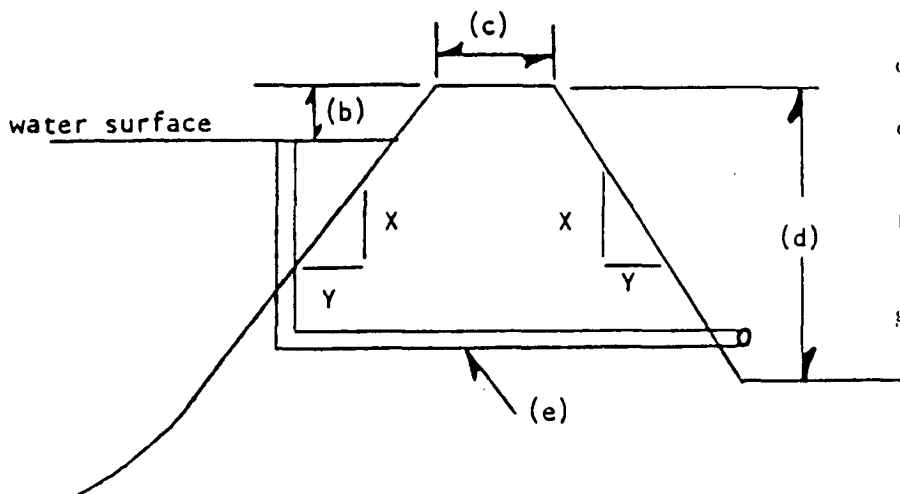
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____

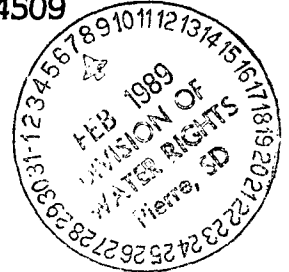


DEPT. GAME FISH & PARKS
Signature of Applicant

**South Dakota
Department of
Game, Fish and Parks**

Division of Administration

Engineering Section
445 East Capitol
Pierre, South Dakota 57501
(605) 773-4509



Feb 3, 1989

Water Rights Division
c/o Chief Engineer
Joe Foss Bldg.
Pierre, SD 57501

RE: Water permit for well @ West Bend Recreation Area

Dear sir:

Pursuant to 74:02:04:21 of the Well Construction Standards, please consider this a written request asking for authorization to construct a test well prior to approval of the permit.

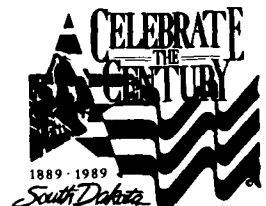
We are requesting this authorization to expedite the construction of this well. It is hoped the well will be operable by May 1, 1989. Early spring is a busy time of year at this Recreation Area and the water is badly needed.

If you have any questions please feel free to contact this office.

Sincerely

William Meyers
Bldgs. Eng. I

bm/bm



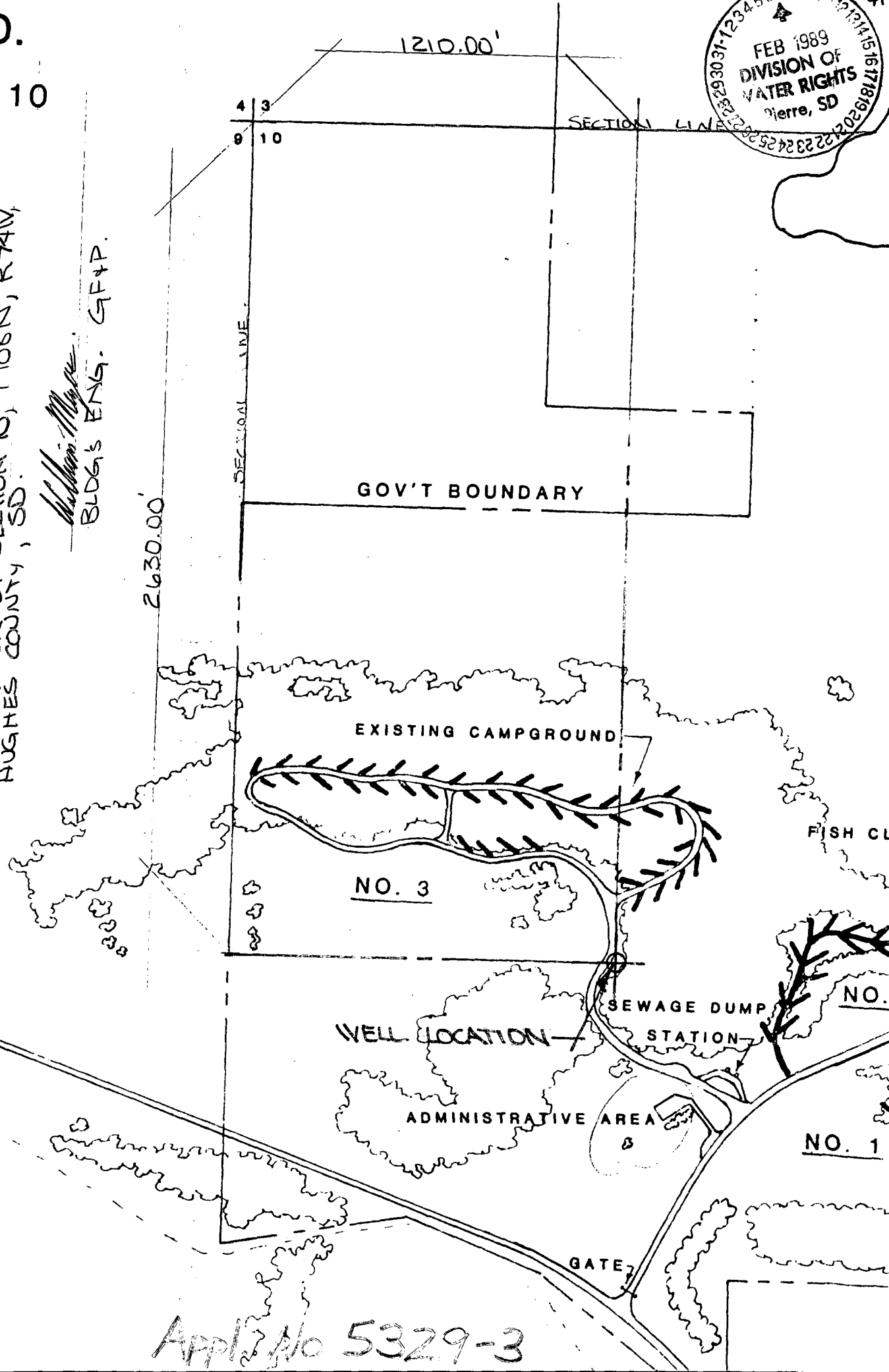
y, S. D.
SECTION 10



WELL LOCATION S 2630.00' + E 1210.00' FROM
NW CORNER OF SECTION 10, T106N, R74W,
HUGHES COUNTY, SD.

William May Jr.
BLDG'S ENGS. GF&P.

- 400'



Appl. No 5329-3

 **Department of
Water & Natural Resources**

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

February 9, 1989

William Meyers
SD Dept. of Game, Fish and Parks
Division of Administration
Engineering Section
445 East Capitol
Pierre, SD 57501

Dear Mr. Meyers:

As requested, pursuant to South Dakota Well Construction Standard 74:02:04:21, the Department of Game, Fish and Parks is authorized to construct a test well at the West Bend Recreation Area, prior to approval of a water permit. The test well must be constructed in accordance with the SD Well Construction Standards. Any test holes that are abandoned must be plugged pursuant to the SD Well Construction Standards.

Very truly yours,



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



**South Dakota
Department of
Game, Fish and Parks**

Division of Administration

Engineering Section
445 East Capitol
Pierre, South Dakota 57501
(605) 773- [REDACTED]

May 16, 1989

Ron Duvall
Division of Water Rights
Dept of Water and Natural Resources
Foss Building
Pierre, South Dakota 57501



RE: West Bend Well, Water Permits

Dear Ron:

Please find enclosed the drillers log and water well completion report for the referenced project.

The Department of Game, Fish and Parks requests the previously submitted water permit be amended to reflect a diversion of 20 G.P.M.

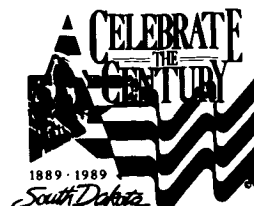
Thank you for your assistance.

Sincerely,

William W. Meyers
Buildings Engineer I

WWM/kms

Enclosure



PAGE NO.

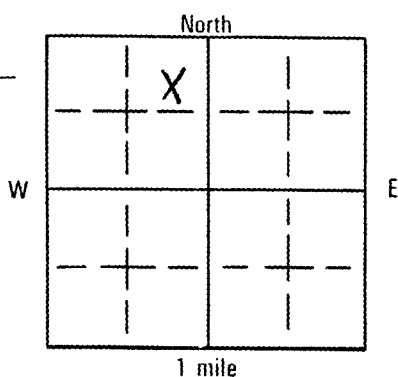
A circular library stamp from the University of Toronto Libraries. The text "UNIVERSITY OF TORONTO LIBRARIES" is curved along the top inner edge. The date "1991/12/13" is stamped in the center. The number "13478" is stamped along the bottom inner edge.

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location NW 1/4 Sec 10 Twp 103 Rg 74County DeWitt

Please mark well location with an "X"

Well Completion Date May 2, 1989

PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock
Method of Drilling: Rotary

CASING DATA:

☒ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200</u> LB/FT	<u>5</u> IN	<u>0</u> FT	<u>78</u> FT	<u>8 3/4</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? Twenty feet FEETWhat is grouting material? Portland CementIf cement, number of sacks? Eight

Describe grouting procedure

TRIMMIE PIPE

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 5 IN Length 50 FEETMaterial PVCSlot Size 18 Set From 28 Feet To 78 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☒ YES ☐ NOIf so, what material? Brownite

Describe packer(s) and location?

20' - 28'Was well disinfected upon completion? ☒ YES ☐ NOExplain HTHBacteriological analysis ☐ YES ☐ NO

Laboratory sent to _____

Well Owner:

Name Dept Game Fish & ParksAddress 445 East Capitol - AndersonWell Log: B.D. Pierce, S.D. Depth 57501

Formation

From

To

<u>Sand Yellow Clay</u>	<u>0</u>	<u>10</u>
<u>Gravelly Sand</u>	<u>10</u>	<u>20</u>
<u>Sand</u>	<u>30</u>	<u>45</u>
<u>Blue Clay</u>	<u>45</u>	<u>70</u>
<u>Sand</u>	<u>70</u>	<u>78</u>

STATIC WATER LEVEL 17 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped☐ Bailed☐ OtherDescribe: Compressed Air

Pumping Level Below Land Surface

30' 9" ft. After 12 Hrs. pumped 11 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 94

And this report is true and accurate.

Drilling firm Cherry DrillingSignature of License Representative: [Signature]Signature of Well Owner: [Signature]Date May 2, 1989

Conversation or File Documentation

NAME OF PERSON OR FILE: Dept. of Game, Fish & ParksADDRESS: 445 E Capitol, Pierre SD 57501 COUNTY HughesDATE: May 19, 1989 TELEPHONE 773-4509 5824

RE: _____

COMMENTS:

Contacted Bill Meyer, (Engineering - GF+P), regarding the correct well location. Mr. Meyer stated that the application & map are correct and the well log shows the incorrect location of the well.

Mr Meyer also indicated that water is to be used for drinking purposes, a fish cleaning station and a comfort station (bathrooms, showers)

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

NAME: Don Darnall

Report on Application No. 5329-3
Department of Game, Fish & Parks
June 6, 1989

Water Permit Application No. 5329-3 was submitted for the South Dakota Game, Fish & Parks Department of Pierre, South Dakota (Hughes County) to appropriate 0.05 cfs from one existing well, 78 feet deep, located in the SW1/4 NW1/4 of Section 10, T108N, R74W. The water is to be used for recreational, sanitary and potable purposes at the West Bend Recreation Area.

Aquifer (M:P)

The existing well for Application No. 5329-3 has been drilled into the Missouri-Pierre Aquifer. This aquifer is a 2 to 3 mile wide river channel deposit of alluvium and outwash sand and gravel that ranges in depth from near surface to approximately 200 feet in depth. Most of the aquifer is in the old Missouri River flood plain and is hydraulically connected to the river. It is usually found under water table conditions and averages about 30 feet in thickness (Hamilton, 1986). A log submitted for the application well revealed a static water level of 17 feet and a saturated thickness of 28 feet (WRD Permit Files, 1989).

No Water Rights Division observation wells are located in the area. The amount of water requested is minuscule (22 gallons per minute) and the aquifer capacity is very large; therefore, water is available for the application.

Existing Water Rights

The nearest water permit is approximately 2 miles away and pumps water directly from the Missouri River. This application will not affect other water right holders (WRD Permit Files, 1989).

The applicant noted that another low capacity well (about 7 gallons per minute) is located at the site approximately 30 feet from the new application well. It is an older Corps of Engineers well that the Game, Fish & Parks Department was using (Meyers, 1989). The cone of influence of the two wells may intersect, but water availability will not be affected.

Conclusions

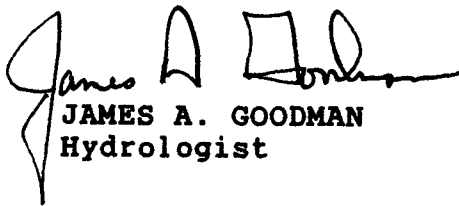
1. Permit No. 5329-3 requested 0.05 cfs from one existing well to supply a Game, Fish & Parks recreation area.
2. The well has been drilled into the Missouri-Pierre Aquifer and unappropriated water is available.

3. No other water permits are located in the vicinity of the applicant's well.
4. The permit can be approved without qualification.



THOMAS M. BRANDNER
Natural Resources Engineer

Approved by:



JAMES A. GOODMAN
Hydrologist

Bibliography

Hamilton, Louis J., 1986, Water Resources of Hughes County, South Dakota, USGS Water-Resources Investigations Report 84-4195, Prepared in cooperation with the SDGS, Hughes County, and the Oahe Conservancy Sub-District, Huron, SD

Meyers, William, June, 1989, Phone Conversation, Game, Fish & Parks Department, Pierre, SD

Water Rights Division, 1989, Permit Files, DWNR, Joe Foss Bldg, Pierre, SD 57501

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5329-3, Department of Game, Fish and Parks

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 5329-3, Department of Game, Fish and Parks, 445 E Capitol, Pierre SD.

The Chief Engineer is recommending APPROVAL of Application No. 5329-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
June 6, 1989



Department of Water & Natural Resources

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

June 23, 1989

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

Douglas Hofer
Dept of Game, Fish & Parks
445 E. Capitol
Pierre, SD 57501

Dear Mr. Hofer:

Water Permit Application No. 5329-3 for recreational 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 Publisher of the Daily Capitol Journal printed at Pierre SD. For your information, a copy of the notice is enclosed. Copies of the report and the Chief Engineer's recommendation will be sent to you at a later date. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

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

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures





Department of Water & Natural Resources

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

June 23, 1989

Daily Capitol Journal
Box 878
Pierre, SD 57501

Dear Sir:

Enclosed is a Notice of Hearing on Application No. 5329-3 to be published twice. Please publish the first notice on or before June 28, 1989 with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is the Department of Game, Fish and Parks, 445 E. Capitol, Pierre, SD 57501.

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

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

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures

CUT HERE

FIRST TRANSMITTAL NOTICE

TO: Ron Duvall
Water Rights Division
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 or before June 28, 1989 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5329-3 to Appropriate Water

Notice is given that the Department of Game, Fish and Parks, 445 E. Capitol, Pierre, SD 57501 has filed an application for a water permit to appropriate 0.05 cubic feet of water per second from one well (Missouri-Pierre Aquifer) 78 feet deep located in the SW 1/4 NW 1/4 section 10-T108N-R74W. Water is to be used for recreational, sanitary and potable purposes at the West Bend Recreation Area.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5329-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board at the Hilton Inn, Deerfield Room, 445 Mt. Rushmore Road, Rapid City, SD, July 26, 1989 at 10:00 am. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer or 4) deny this application based on the facts presented at the public hearing.

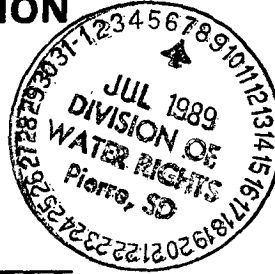
Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by July 14, 1989. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application and the signature and mailing address of the petitioner or legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by July 14, 1989.

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

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County Hughes) ss.



1. Peggy Warner

certify that the attached printed Notice was taken
 from the Capital Journal

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 Pierre

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

June 28, 1989

July 5, 1989

Peggy Warner
 (Signature)
Legal Ad Representative
 (Title)
July 6, 1989
 (Date Signed)

No. 3815 2tdly 6/28, 7/5

NOTICE OF HEARING
on Application No. 5329-3
to Appropriate Water

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Pursuant to SDCL 46-2A-2, the

Cost of Printing: _____

97 lines @ .44 =

Public

Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5329-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board at the Hilton Inn, Deerfield Room, 445 Mt. Rushmore Road, Rapid City, SD, July 26, 1989 at 10:00 a.m. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer or 4) deny this application based on the facts presented at the public hearing.

Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by July 14, 1989. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E. Capitol, Pierre, SD 57501 (605 773-3352)". The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application and the signature and mailing address of the petitioner or legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

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



Department of Water & Natural Resources

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

July 12, 1989

Douglas Hofer
Dept. of Game, Fish and Parks
445 E Capitol
Pierre SD 57501

Dear Mr. Hofer:

Enclosed is the Report and Recommendations of the Chief Engineer
for Water Permit Application No. 5329-3.

Sincerely,

Karen Schlaak

KAREN SCHLAAK
Senior Secretary
605 773-3352

enclosures





Department of Water & Natural Resources

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

SEP 12 1989

Doug Hofer
Dept. of Game Fish & Parks
445 E. Capitol
Pierre, SD 57501

Dear Mr. Hofer:

Enclosed is Water Permit No. 5329-3 as approved by the Water Management Board authorizing construction of the water system and the application of water beneficial use, not exceeding the limits as specified in the Water Permit.

We will schedule an inspection so that the Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

A handwritten signature in cursive script, reading "John Hatch".

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

enclosures

Form 12

Permit No. 5329-3
Missouri River - Water District
Hydrologic Unit -10140101

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

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

I have this day made a thorough examination of the water use system constructed by of holder of Permit No. 5329-3, **South Dakota Department of Game, Fish and Parks, 523 E. Capitol Ave., Pierre, 57501**, bearing the priority of **May 16, 1989** authorizing the diversion of **0.05 cu. ft. per second** of the waters of the **Missouri - Pierre Aquifer** for recreational/commercial purposes, in **Hughes County**.

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

A. Works used to divert the water:

A submersible pump

A one horsepower motor

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

Water from the well is diverted west through a line to a cistern (approx. 5,000 gallon capacity) on the top of a hill. Water is then distributed to the park by a distribution line.

C. Works used to apply water to beneficial use:

Water used for sanitary and potable purposes at West Bend State Park.

The system is in the following condition - **Good**. The point of diversion is located approximately **900 feet east and 2,000 feet south of the NW corner (SW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 10, T108N, R74W**. The works are capable of diverting and conveying to the place of use **0.05 cu. ft. per second** of water which is to be used for sanitary and potable purposes at West Bend State Park. Water has been put to beneficial use to the maximum extent and the license should be issued for **0.05 cfs**.

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

Exceptions to compliance are: **NONE** Date: **10/24/95**



Eric Gronlund

Natural Resources Engineer

DENR, Water Rights Program

**REPORT ON INSPECTION OF PERMIT NO. 5329-3, Department of
Game Fish and Parks, 523 E. Capitol Ave., Pierre, SD 57501**

DATE: 8/10/95

Other permit(s) associated with the project: None

DIVERSION POINT LEGAL LOCATION: Well located approximately 2,000 feet South and 900 feet East of the NW Corner (SW¼ NW¼) of Section 10, T108N, R74W.

WELL INFORMATION:

- 1) Well Drilling Firm: Huron Well Drilling
- 2) No. of Wells: One
- 3) Depth - 77 feet
- 4) Well log is available **YES**
- 5) Comment: Completed in May 1989

Casing:

- 1) Diameter 5 inches
- 2) Length 28 feet
- 3) Type - Plastic

Screen:

- 1) Type: PVC
- 2) Length 50 feet (from 28 to 78 feet)
- 3) Static water level 17 feet

Pump: Information not available and not visible during inspection since it is a submersible pump

- 1) Make
- 2) Model
- 3) Size
- 4) Capacity GPM

Motor: Information not available and not visible during inspection.

- 1) Make - Not known
- 2) Model No. - Not known
- 3) Horsepower rating ONE hp (information obtained from Bill Meyers, G,F&P)

DISTRIBUTION LINES OR CANALS:

Well pumps up to a cistern (approximate 5,000 gallon storage) on top of hill.

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and lands listed on permit **Not applicable**
- 2) Special qualifications to permit being abided by **Yes (permit has no qualifications)**
- 3) All structures, wells and lands on map **Yes**
- 4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period **Not applicable**

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 5329-3

(1) The South Dakota Department of Game, Fish & Parks of 523 E Capitol, Pierre, SD 57501 made Application No. 5329-3, February 7, 1989 for a water permit to appropriate 0.05 cubic feet of water per second from groundwater (one well), Hughes County, South Dakota for recreational, sanitary and potable purposes at the West Bend Recreation Area. Permit No. 5329-3, with a priority date of May 16, 1989 was approved July 26, 1989 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.

(2) It is certified that the applicant 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 0.05 cubic feet of water per second for beneficial use. The location of the diversion point is 900 feet east and 2000 feet south of the NW corner of Section 10, T108N, R74W (SW 1/4 NW 1/4).

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

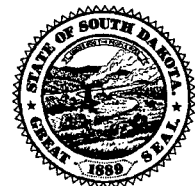
(4) Pursuant to South Dakota Water Law 46-5-30.1 - the South Dakota Department of Game, Fish & Parks of 523 E Capitol, Pierre, SD 57501 the holder and/or owner of Water Permit No. 5329-3 is issued a license to appropriate water, the right to use 0.05 cubic feet of water per second from groundwater (one well) with a priority date of May 16, 1989 from the location specified in (2) of this license. The water is used for recreational, sanitary and potable water purposes at the West Bend Recreation Area. This license is subject to any limitations or qualifications listed in Water Permit No. 5329-3 and subject to South Dakota State Law.



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

DEC 18 1995

date





DEC 18 1995

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

5329-3

Tim Olson, Water Permits Coordinator
South Dakota Department of Game, Fish & Parks
523 E. Capitol
Pierre, SD 57501

Dear Mr. Olson:

Enclosed is Water License No. 5329-3. This is the final water right document completing your process of obtaining a Water Right

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. 5329-3, 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

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