

WATER PERMIT NO. 6412-3

Name of Applicant: Todd Jongeling

Address: 19423 467th Ave, Estelline SD 57234

Phone: 605 873-2831

Amount of Water Claimed: 1.78 cfs

Total Acres: 160

Source of Water Supply: groundwater

Water to be used for: irrigation

County: Hamlin

Type of Waste Disposal System:

Location: 4 miles west of Estelline

PRIORITY

Date Received: 4-11-03

Application/License Fee: \$300

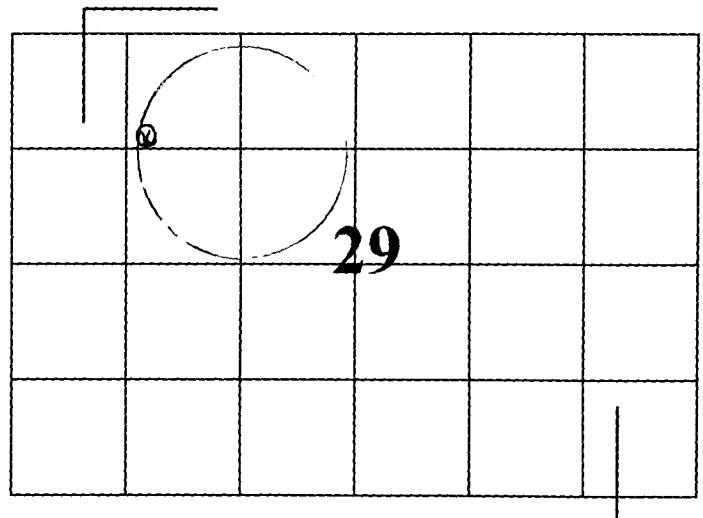
Corrected Application Received:

Period of Annual Use: May 1 – October 31

Remarks:

Diversion Point: NW ¼ NW ¼ Sec 29-T113N-
R51W

Land to be Irrigated: NW ¼ Sec 29-T113N- R51W



Depth of Well: 55 feet deep

Well Driller: : Pullman Well Drilling

Remarks:

Type of Map: aerial

Prepared by: Craig Olson, NRCS

Reviewed and the Number Assigned on: 4-14-03

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

FORM 2: Application for irrigation in South Dakota
 (type or print)

RECEIVED

APR 14 2003

WATER RIGHTS
PROGRAM

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only)	
	No. <u>6412-3</u>	Hydrologic Unit <u>101</u>
	Basin <u>Sioux River</u>	
	Newspaper <u>Estelline Journal, Estelline</u>	

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ New ☐ Vested Right ☐ Amendment/Correction to Permit No. _____
 (Use predates Mar 2, 1955)

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

- Name of Applicant Todd Jongeling Phone 605-873-2831
 (check one) ☒ Owner ☐ Tenant/lessee
 Mailing Address 19423 46th Ave, Estelline State SD 57234
 (Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 1.28 CFS or 800 **GPM ***AF Total Acreage 160A
 (*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply one well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Hamlin
175ft from the west side 1300ft from the north side between SW 1/4
and the NW 1/4 of section 29 T113 R51 (NW 1/4 NW 1/4)
- County or counties where water will be used Hamlin
- Annual period during which water is to be used May 1 to Oct 31
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
 (Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
SW 1/4 of NW 1/4 Sect. 29 T113 R51			40
SE 1/4 of NW 1/4 Sect. 29 T113 R51			40
NE 1/4 of NW 1/4 Sect. 29 T113 R51			40
NW 1/4 of NW 1/4 Sect. 29 T113 R51			40

8. Give a description of the project. (Attach sheet if more space is needed)

 STATE OF SOUTH DAKOTA)
 County of Deuel SS

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, Todd Jongeling, 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.

 Applicant's signature Todd Jongeling
 Subscribed and sworn to before me this 2 day of April 20 03

 Notary Public signature
[Signature]
 expiration 4-10-07

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 16 Depth 55 ft
- b) Casing Type 16" PVC Diameter 16" Thickness 1/2
- c) Screen Type 53 Diameter 16" Thickness 1/4
- d) Gravel Pack 3/16 by 1/4 Length of Gravel Pack 20 ft
- e) Depth to Top of Water Bearing Material 30 ft to 55 ft 25 ft of gravel
- f) Depth to Water (ground surface to water level) 17 ft
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others 1115^{KS}
2000 ft

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

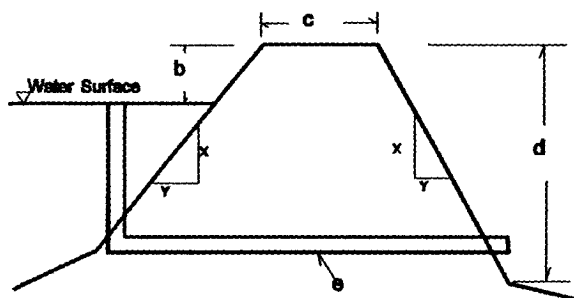
3. Dugout Information

- 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 PERMIT NO. 6412-3**

Date of first receipt of application April 14, 2003.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6412-3 to Todd Jongeling, 19423 467th Ave, Estelline SD 57234 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. 6412-3 appropriates 1.78 cubic feet of water per second from one well (Big Sioux: Brookings Aquifer) 52 feet deep located in the NW ¼ NW ¼ Section 29 to irrigate 160 acres located in the NW ¼ Section 29; all in T113N-R51W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – October 31.
3. The date from which applicant may claim right is April 14, 2003.
4. The date of approval of Permit No. 6412-3 is July 14, 2003.
5. One-fifth of the construction is to be completed on or before January 14, 2006.
6. All construction is to be completed on or before July 14, 2008.
7. Water is to be put to beneficial use on or before July 14, 2012.
8. 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. The well authorized by Permit No. 6412-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: Garland Erbele

Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

AUG 04 2003

date



Water Rights Program - File Documentation

NAME: Todd Jongeling and Ronald Jongeling

ADDRESS:

DATE: 4-14-03 **COUNTY:** HM **TELEPHONE:**

RE: Pending applications

COMMENTS:

Dave Gullickson, with Farmers Implement and Irrigation called and indicated he had helped complete the applications submitted by the Jongelings.

The following changes needed to be made on the Form 2A regarding the distance to nearest existing domestic wells:

- Application No. 6409-3 should be changed from 900 ft to 764 ft.
- Application No. 6412-3 should be changed from 1000 ft to 1115 ft.

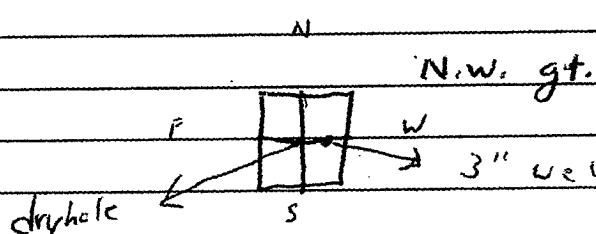
I told Mr. Gullickson that I would make the corrections.

Karen Schlaak
Karen Schlaak
Environmental Scientist

PULLMAN DRILLING, INC. - DRILLER'S LOG

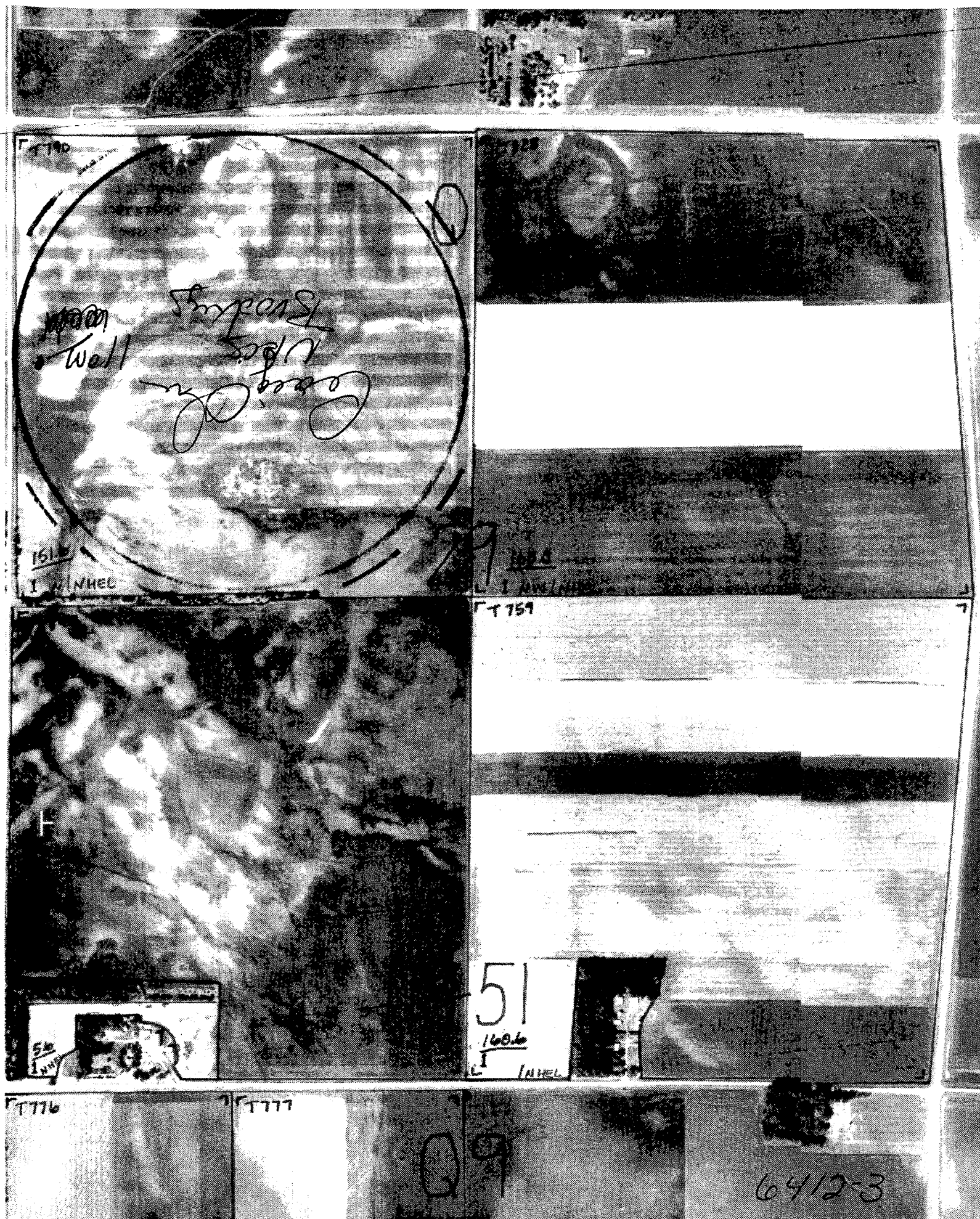
(605) 883-4532
1-800-451-4884

Todd Jongeling JOB NAME	Estelene S.O. LOCATION	3-31-03 DATE	RIG NO 11	Paul Hoyer FOREMAN
----------------------------	---------------------------	-----------------	-----------	-----------------------

Jt No	DEPTH	TIME	REMARKS
1	20		0-20 Yellow sand & gravel
2	40		20-26 Yellow gravel 26-30 Blue clay 30-40 Gray coarse sand
3	55		40-52 Coarse gray sand w/gravel 52-55 Blue clay
4			
5			3" Well
6			T.O. 55'
7			20' 3" .016 slotted
8			35' 3" blank
9			Pumped w/ air 40 G.P.M.
10			Water head 17'
11			
12			
13			
14			
15			T-113-N R-51-52-W Section 29
16			
17			
18			N
19			N.W. qt.
20			
21			
22			
23	20		0-20 Yellow gray w/ clay breaks
24	40		20-29 Yellow gravel 29-31 Blue clay 31-37 Gray sand 37-40 Blue
25	60		40-60 Blue clay
26			
27			
28			
29			Paul Hoyer
30			
31			
32			
33			

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP

2002



RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date April 14, 20 03

RECEIVED OF Ronald Jongeling, 45950 191st St., Castlewood SD 57223

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

Fee for Application for Permit No. <u>6412-3</u> to Appropriate Water, to construct and to put water to beneficial use	250	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>6414-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	300.00

No.

000760

By

Darland Erbe
Chief Engineer
gm

REPORT ON WATER PERMIT APPLICATION NO. 6412-3

For Todd Jongeling

May 14, 2003

Application No. 6412-3 proposes to appropriate 1.78 cfs (800 gpm) from one well approximately 52 feet deep located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of section 29 to irrigate 160 acres located in the NW $\frac{1}{4}$ of section 29; all in T113N R51W in Hamlin County.

AQUIFER – BIG SIOUX BROOKINGS (BS-B)

The Big Sioux Brookings is a surficial outwash (sand and gravel) which is under water table conditions in this area. The aquifer underlies 113,920 acres and contains an estimated 480,000 acre-feet of water in storage in Hamlin County (Kume, 1985). The aquifer extends into Codington County to the north, Deuel County to the east, and into Brookings County to the south. The aquifer is also hydraulically connected to some area lakes and to the Big Sioux River which usually are discharge zones for the aquifer. In other words, generally the ground water levels are above the lake or river creating a gradient toward the discharge zone. Recharge to the water table portion of the aquifer has been estimated to approach 6.57 inches per year (Koch, 1980). This would equate to an annual recharge volume of about 62,000 acre-feet. The water use from the Big Sioux Brookings aquifer for Hamlin County has probably never exceeded 6,000 acre-feet included domestic, municipal and rural water system use.

A test hole log provided by the applicant, indicates sand and gravel beginning at the surface and extending to a depth of 52 feet. There was a clay layer from 26 to 30 feet which should not affect the aquifer conditions at this site. The test well data indicated a static water level of 17 feet below land surface and a well capable of producing 40 gpm using air to develop. The test data indicates good potential for development of a high capacity well at this site.

The Water Rights Program monitors an observation well, HN-77G, located about one mile to the west of this application. Water levels for this well show good response to climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years. A hydrograph for this well is included with this report. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2003).

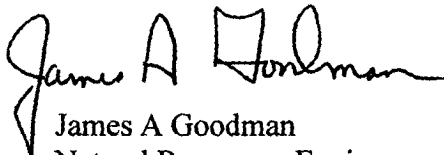
REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing water right/permit are located about two miles north and two miles south of this application. There are two new water permit application which will be located about one mile west and one and one-half mile southwest of this application. Interference is not a concern. There is sufficient distance between wells to minimize any potential effects. Besides, in this type of aquifer drawdown created by pumping does not extend very far from individual production wells. This is shown by the observation well hydrograph. The water level record indicates that for the most part water levels have

been relatively high during the last ten years. With a return to drier climatic conditions, these water levels will undoubtedly decline to the previous levels such as the late 1970's and early 1980's. This fact could be important when designing a well or wells for operation of a center pivot system.

CONCLUSIONS

1. Water is available from the Big Sioux Brookings aquifer.
2. The aquifer is under predominantly water table conditions in the area. Drawdown created by pumping is not expected to be significant. Interference is not a concern.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.

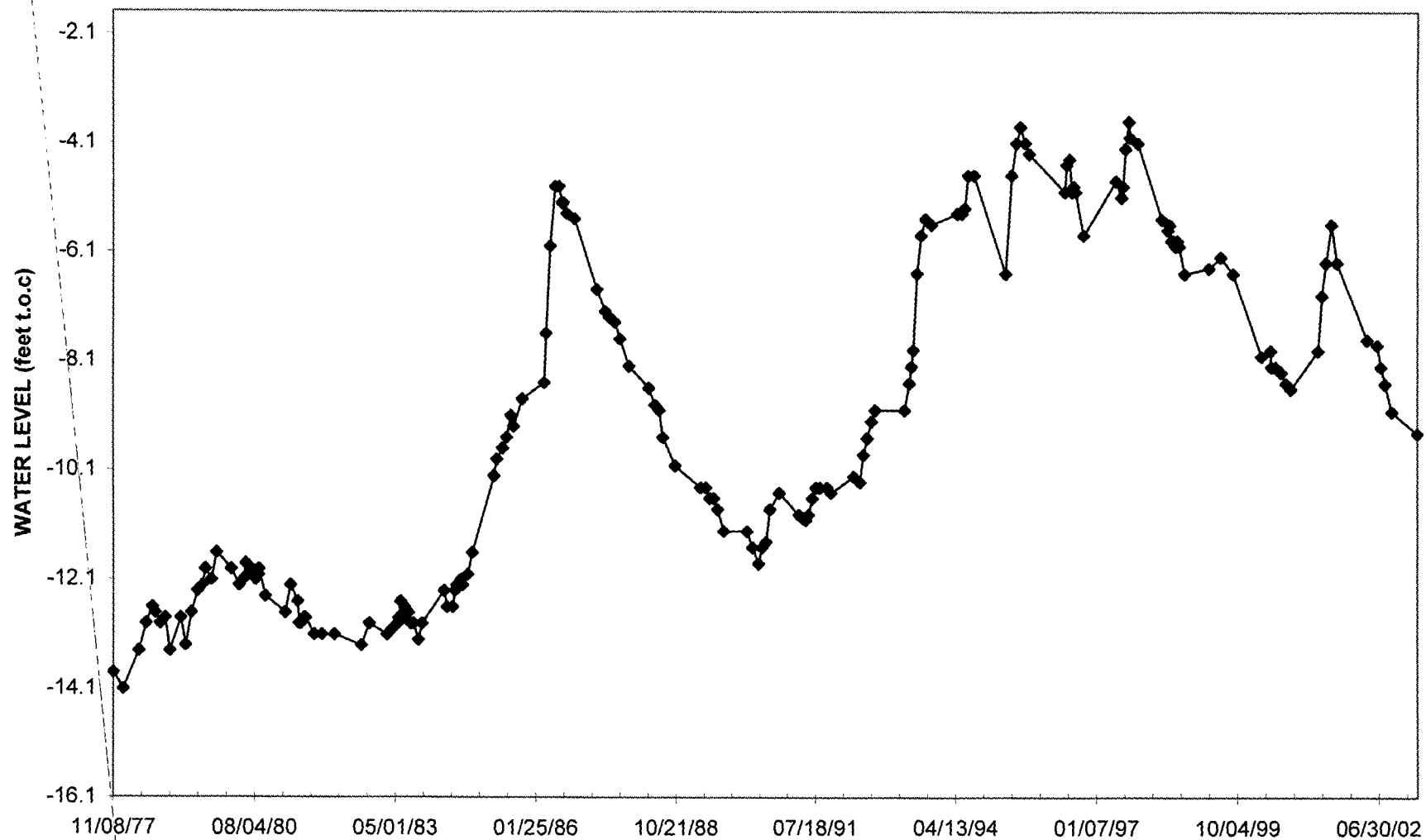


James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

- Koch, N.C., 1980, Appraisal of the Water Resources of the Big Sioux Aquifer, Brookings, Deuel, and Hamlin Counties, South Dakota, WRI 80-100, USGS, Huron, SD, 57350.
- Kume, J, 1985, Water Resources of Deuel and Hamlin Counties, South Dakota, WRI 84-4069, USGS, Huron, SD, 57350.
- Water Rights, 2003, Unpublished Observation Well Data for Hamlin County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
HN-77G**





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6412-3, Todd Jongeling**

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. 6412-3, Todd Jongeling, 19423 467th Avenue, Estelline SD 57234.

The Chief Engineer is recommending APPROVAL of Application No. 6412-3 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) 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. The well authorized by Permit No. 6412-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
June 16, 2003

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Hamlin) SS

I, Lianne Archer

certify that the attached printed Notice was taken

from the The Estelline Journal

printed and published in Estelline
County of Hamlin and

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

June 25, 2003
July 2, 2003
Cost of Printing \$ 38.01

Lianne Archer
(Signature)

Owner
(Title)

7/2/03
(Date Signed)

NOTICE OF APPLICATION NO. 6412-3 TO APPROPRIATE WATER

Notice is given that Todd Jongeling, 19423 467th Ave., Estelline, SD 57234 has filed an application for a water permit to appropriate 1.78 cubic feet of water per second from one well (Big Sioux: Brookings Aquifer) 52 feet deep located in the NW 1/4 NW 1/4 Section 29 to irrigate 160 acres located in the NW 1/4 Section 29; all in T113N-R51W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6412-3 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. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the applications, 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 party or the applicant must be filed by July 14, 2003.

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.

Steven M. Pirner, Secretary
Department of Environment
and Natural Resources
(publish June 25 and July 2, 2003)

RECEIVED

JUL - 3 2003

WATER RIGHTS
PROGRAM

Instruction to Newspaper - Publish first Notice on June 25, 2003 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6412-3 to Appropriate Water

Notice is given that Todd Jongeling, 19423 467th Ave, Estelline SD 57234 has filed an application for a water permit to appropriate 1.78 cubic feet of water per second from one well (Big Sioux: Brookings Aquifer) 52 feet deep located in the NW ¼ NW ¼ Section 29 to irrigate 160 acres located in the NW ¼ Section 29; all in T113N-R51W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6412-3 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. 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 July 14, 2003.

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. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

June 18, 2003

Estelline Journal
214 Main St
Estelline SD 57234-0159

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6412-3 to Appropriate Water to be published twice. Please publish the first notice on June 25, 2003 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 Todd Jongeling, 19423 467th Ave, Estelline, SD (Ph # 605-873-2831).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

CUT HERE

No. 6412-3

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

Date _____

We are in receipt of your letter of June 18, 2003 enclosing Notice of Hearing to Appropriate Water by Application No. 6412-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

www.state.sd.us/denr

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

June 18, 2003

Todd Jongeling
19423 467th Ave
Estelline SD 57234

Dear Mr. Jongeling:

Water Permit Application No. 6412-3 for irrigation 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 Estelline Journal printed at Estelline, SD (Ph # 605-873-2475). You will need to contact the newspaper and authorize publication of this notice. 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 newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, 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. The newspaper has also 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**

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

AUG 04 2003

Todd Jongeling
19423 467th Ave
Estelline SD 57234

Dear Mr. Jongeling:

Enclosed is Water Permit No. 6412-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

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

enclosures

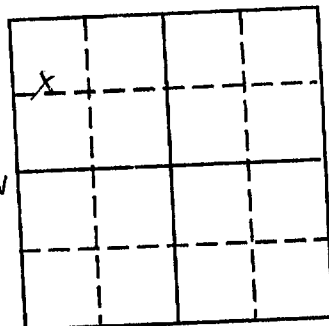
SOUTH DAKOTA WATER WELL COMPLETION REPORT

6412-3
11-02Location NW ¼ NW ¼ Sec 29 Twp 113 Rg 51

County

Hamlin

Please mark well location with an "X"



Well Completion Date

10/31/2003

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? ft. from _____ (Identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Reverse

CASING DATA:

☐ Steel
 ☒ Plastic
 ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	16.00 IN	0.0 FT	37.0 FT	24.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
ement	10	Lb/gal	0.0 Ft	20.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
Line

SCREEN:

☐ Perforated pipe
 ☒ Manufactured
Diameter 16.00 Inches Length 15.0 FeetMaterial Stainless SteelSlot Size .057 Set From 37.0 Feet to 52.0 Feet

Other information _____

WAS A PACKER OR SEAL USED?

☒ Yes
 ☐ No
If so, what material? Pea Rock

Describe packer(s) and location

@37

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How?

☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Todd Jongeling

Business Name: _____

Address: RR 1 Box 221City, State, Zip: Estilline SD 57234

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Yellow Sand & Gravel	0	26
Blue Clay	26	30
Gray Sand	30	52
Blue Clay	52	55

STATIC WATER LEVEL

17

FEET

If flowing: closed in pressure _____

PSI

GPM flow _____ through _____

Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____

GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: _____

☐ Bailed

☐ Other

Pumping Level Below Land Surface

39 Ft. After 6 Hrs. pumped 400 GPM

Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____

GPM

REMARKS

This well was drilled under license # 440

And this report is true and accurate.

Drilling firm: Pullman Well Drilling Inc

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

RECEIVED
JAN 14 2004

Date: _____

WATER RIGHTS
PROGRAM

Permit No. 6412-3
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

I have this day, May 13, 2008, made a thorough examination of the water use system constructed by Todd Jongeling of 19423 467th Ave., Estelline, SD 57234 holder of Permit No. 6412-3, bearing the priority of April 14, 2003 authorizing the diversion of 1.78 cu. ft. per second of the waters of Big Sioux:Brookings Aquifer for Irrigation purposes, in Hamlin County.

Inspection contact & relationship **Todd Jongeling**
to permit holder, if applicable:

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Pullman Well Drilling
- 2) No. of Wells 1
- 3) Depth(s) 55 feet
- 4) Well log is available Y
- 5) Comment:

Casing:

- 1) Diameter 16 inches
- 2) Length 37 feet
- 3) Type Plastic

Screen:

- 1) Type Stainless steel
- 2) Length 15 feet
- 3) Static water level 17 feet

Pump:

- 1) Make WLR Lineshaft Turbine
- 2) Capacity 800 GPM

Motor:

- 1) Make US Motor

2) Model **BF42**

3) HP **42**

B. Works used to apply water to beneficial use:

Center pivot:

1) Make **Valley**

2) Number of towers **7**

3) End gun **Y**

4) High or low pressure **Low**

Chemigation Equipment:

1) Does chemigate **N**

C. Compliance with Permit Requirements:

1) Permit qualifications being abided by **Y**

2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period **Y**

3) Exceptions to compliance are: **None**

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

Approximately 1320 feet south and 157 feet east of the NW corner of Section 29-T113N-R51W.

(N 44.56897, W -96.98598) (NW ¼ NW ¼)

The works are capable of diverting and conveying to the place of use **1.78** cu. ft. per second of water which is to be used for **Irrigation**. Water has been put to beneficial use to the maximum extent as follows:

Section 29-T113N-R51W

NW ¼ NW ¼ - 33 acres

NE ¼ NW ¼ - 33 acres

SW ¼ NW ¼ - 33 acres

SE ¼ NW ¼ - 33 acres

comprising a total of **132** acres of land and the license should be issued for **1.78** cfs.

All structures, wells and lands on map **Y**

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


Mike DeFea

Natural Resources Engineer
DENR, Water Rights Program

Date report completed: **March 19, 2009**

Water Permit No. 6412-3

Todd Jongeling



Mike DeFea

Mike DeFea
Natural Resources Engineer
DENR, Water Rights Program
March 18, 2009

0 950 1,900 3,800 Feet



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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUN 15 2009

6412-3

Todd Jongeling
19423 467th Ave
Estelline SD 57234

Dear Mr. Jongeling:

Enclosed is your Water License No. 6412-3. This is the final water right document completing your process of obtaining a Water Right. Included with the license is a map prepared by the staff engineer who conducted the field investigation.

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. 6412-3, 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.

Sincerely,

A handwritten signature in black ink that reads "Garland Erbele".

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

enclosures

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6412-3

(1) Todd Jongeling, 19423 467th Ave, Estelline SD 57234 made Application No. 6412-3, April 14, 2003 for a water permit to divert 1.78 cubic feet of water per second (800 gallons per minute) from ground water (one well – Big Sioux Brookings Aquifer), Hamlin County, South Dakota for irrigation purposes. Permit No. 6412-3, with a priority date of April 14, 2003 was approved July 14, 2003 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before July 14, 2008 and for the application to beneficial use of said water on or before July 14, 2012.

(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 1.78 cubic feet of water per second (800 gallons per minute) for beneficial use. The location of the diversion point is approximately 1,320 feet south and 157 feet east of the NW corner of Section 29, T113N, R51W.

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

T113N, R51W, Section 29	NW ¼ NW ¼	33 acres
	NE ¼ NW ¼	33 acres
	SW ¼ NW ¼	33 acres
	SE ¼ NW ¼	<u>33 acres</u>
	Total	132 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Todd Jongeling, 19423 467th Ave, Estelline SD 57234 the holder and/or owner of Water Right No. 6412-3 is issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from ground water (one well – Big Sioux Brookings Aquifer) with a priority date of April 14, 2003 from the location specified in (2) of this license. The water is to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation.

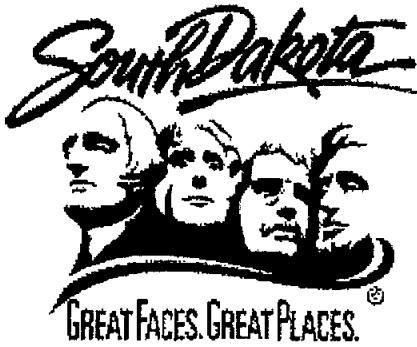
This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6412-3 and subject to the following qualifications:

- The well approved under this water right will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner 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.
- The wells authorized by Permit No. 6412-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. *(The well was drilled by Pullman Well Drilling and a copy of the log is on file with the Water Rights Program.)*
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 15 2009
date





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

October 25, 2013

6412-3

Todd Jongeling
19423 467th Ave
Estelline, SD 57234

Dear Mr. Jongeling:

Water Permit No. 6412-3 appropriates 1.78 cubic feet per second (cfs) from one well completed into the Big Sioux: Brookings aquifer (52 feet deep) located in the W $\frac{1}{2}$ NW $\frac{1}{4}$ of Sec 29, T113N R51W for the irrigation of 132 acres in the same quarter of Sec 29.

You requested authorization to add an additional well in order to supply the 800 gallons per minute allowed under License No. 6412-3. The basis for this request was an insufficient water supply from the existing well.

Upon review of the request and pursuant to SDCL 46-5-13.1, the additional well location is authorized without application or publication of a notice of hearing pursuant to SDCL 45-2A-4, provided that the new well is constructed in the NW $\frac{1}{4}$ of Sec 29 so as not to interfere with neighboring water rights. No increase in the authorized diversion rate of 1.78 cfs (800 gallons per minute) or the number of acres irrigated (132 acres) from the Big Sioux: Brookings aquifer is authorized. If the total diversion rate or the number of acres irrigated increases, a new water right permit will need to be obtained.

If you have any questions, please contact Bracken Capen at (605) 773-3352.

Sincerely,



Jeanne Goodman
Chief Engineer
Water Rights Program

File No. 6412-3

Approval of Addition of Diversion Points

NAME: Todd Jongeling

ADDRESS: 19423 467th Ave, Estelline, SD 57234

DATE: October 25, 2013

COUNTY: Hamlin

TELEPHONE: (605) 873-2831

BACKGROUND:

Water License No. 6412-3 appropriates 1.78 cubic feet per second (cfs) from one well completed into the Big Sioux: Brookings aquifer (approximately 52 feet deep) in the W ½ NW ¼ of Sec 29, T113N-R51W in order to irrigate 132 acres in the NW ¼ of Sec 29 in T113N-R51W in Hamlin County. The license has a priority date of April 14, 2003. The license is conditioned with well interference, well construction, and irrigation questionnaire qualifications.

Todd Jongeling has requested permission to construct an additional well in the NW ¼ of Sec 29 in order to pump the entire 800 gallons per minute (gpm) allowed by Water License No. 6412-3. Currently, the existing well in the W ½ NW ¼ of Section 29 is only capable of delivering 300 gpm.

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional points may be licensed provided the following conditions are met and the potential for interference with other existing diversion is not increased.

- **Developed water source is the same as permitted source and no additional water is appropriated.**

The water source authorized by Water Permit No. 6412-3 is the Big Sioux: Brookings aquifer. The one existing wells was completed to a depth of 52 feet with a static water level at a depth of 30 feet below the surface. The new well is expected to be completed to a similar depth with a similar static water level and to access the same aquifer as the existing well.

No additional appropriation of water is authorized. Water Permit No. 6412-3 appropriates 1.78 cfs and no additional diversion rate authority is being requested.

Review of Existing Diversion

The well completion report and water rights databases were reviewed for the nearest domestic wells and water rights on file. Although Mr. Jongeling has not specified where he will be constructing the additional well, it is assumed that it will be located in the same NW ¼ of Sec 29 as the existing well. The nearest registered domestic well is located approximately 2,100 feet to the south of the southern extent of the NW ¼ of Sec 29. At this distance, interference is not expected to be a concern. The nearest water right (7506-3) is located approximately 2,100 feet to the southwest of the southwest corner of the NW ¼ of Sec 29. Interference is not expected to be a concern at this distance.

Observation Well Data

The Water Rights Program monitors several observation wells located in the Big Sioux aquifer. The closest observation well (HN-77G) is located approximately one mile to the west of the northwest corner of the NW ¼ of Sec 29. This well has been in place since 1977 and shows static water level fluctuations of three to four feet as a result of seasonal pumping. Historic water levels in observation well HN-77G show that the aquifer level is controlled by climatic conditions, but seasonal effects of pumping can be observed. Pumping has not prevented a full annual recovery of the water level within the aquifer.

CONCLUSION

- The additional well locations do not propose to appropriate additional water.
- The new well is to be completed into the same formation as the existing well, the Big Sioux: Brookings aquifer.
- Unlawful impairment of existing water rights is not expected to occur.

RECOMMENDED ACTION:

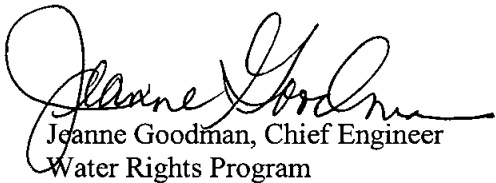
Based on the above criteria, it is recommended that the request for an additional new diversion point in the NW ¼ of Sec 29, T113N-R51W in order to pump the entire 800 gpm allowed by License No. 6412-3 be approved. Mr. Jongeling should be contacted with instructions to construct the additional well within the boundaries of the NW ¼ of Sec 29.



Bracken Capen
Natural Resources Engineer

The Chief Engineer makes a finding pursuant to SDCL 46-5-13.1 and ARSD 74:02:01:14:01 that:

These additional diversion points do not increase the potential for adverse effects to existing diversions.



Jeanne Goodman, Chief Engineer
Water Rights Program

FORM 2: Application for irrigation in South Dakota
(type or print)

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. _____ (office use only)
	Hydrologic Unit _____
	Basin _____
	Newspaper _____

RECEIVED
OCT 18 2013
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☐ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 6412-3
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)
adding another well but will not be exceeding the original CFS

1. Name to Appear on Irrigation Permit TODD JONGELING

(check one) ☒ Owner ☐ Tenant/lessee ☐ Owner's Legal Agent

(name and complete address if different than above name)

Mailing Address 19423 467TH AVE ESTELLINE SD 57234
(Address) (City) (State) (Zip Code)

Home Phone 605-873-2831 Cell _____ Email _____

2. Amount of water claimed 1.78 *CFS or _____ **GPM _____ ***AF Total Acreage 132
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply 2 WELLS

4. Location of point of diversion NW NW SECTION 29 TWP 113N RNG 51W
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

County HAMLIN

5. County or counties where water will be used HAMLIN

6. Annual period during which water is to be used MAY 1-OCT 31

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres

8. Give a description of the project. (Attach sheet if more space is needed)

ADDING AN ADDITIONAL WELL. WELL #1 IS ONLY PUMPING 300 GPM

I, Todd Jongeling, the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

Supplemental Information

(type or print)

1. Well Information (check one or both as applicable) ☒ Drilling new well(s) ☒ Using existing well(s)

- a) If new wells, how many 1 Have test holes been drilled ☐ Yes ☒ No Drilled by KAISER WELL DRILLING
(if yes, please provide copies of logs)
- b) If existing wells, how many 1 Provide copy of log(s), if available. Drilled by PULLMAN DRILLING
- c) Well Depth 52 Depth to Top of Water Bearing Material 30 Depth to Water from Surface _____
- d) Distance to nearest existing domestic well:
On applicant's property _____ On property owned by others _____

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

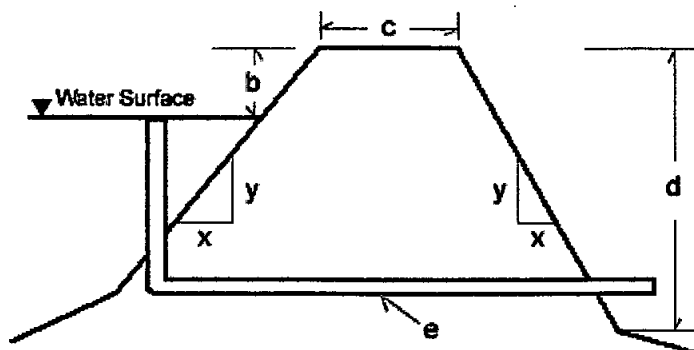
3. Dugout Information

- 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 (e.g. 3 to 1 is a typical slope)
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

PULLMAN DRILLING, INC. - DRILLER'S LOG

(605) 883-4532
1-800-451-4884

JOB NAME	LOCATION	DATE	RIG NO.	FOREMAN
Todd Tongeling	Estelene S.O.	3-31-03		Paul Hoyer

Jt No	DEPTH	TIME	REMARKS
1	20		0-20 Yellow sand & gravel
2	40		20-26 Yellow gravel 26-30 Blue clay 30-40 Gray coarse sand
3	85		40-52 Coarse gray sand w/gravel 52-55 Blue clay
4			
5			3" well
6			T.O. 55'
7			20' 3" .016 slotted
8			35' 3" blank
9			Pumped w/ air 40 G.P.M.
10			Water head 17'
11			
12			
13			
14			
15			T-113-N R-51-52-W Section 29
16			
17			
18			N
19			N.W. qt.
20			dryhole
21			3" well
22			
23	20		0-20 Yellow gray w/ clay breaks
24	40		20-29 Yellow gravel 29-31 Blue clay 31-37 Gray sand 37-40 Blue
25	60		40-60 Blue clay
26			
27			
28			
29			Paul Hoyer
30			
31			
32			
33			

RECEIVED

OCT 18 2013

WATER RIGHTS
PROGRAM



6412-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 24, 2014

NOTICE

TO: TODD JONGELING, 19423 467TH AVE, ESTELLINE, SD 57234

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2013 Irrigation Questionnaire(s)

Our records indicate that the 2013 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 6412-3 & 7041-3. The request for the Questionnaire was dated October 18, 2013. The Water Management Board has directed that owners of water permits who have not submitted the 2013 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 6412-3 & 7041-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

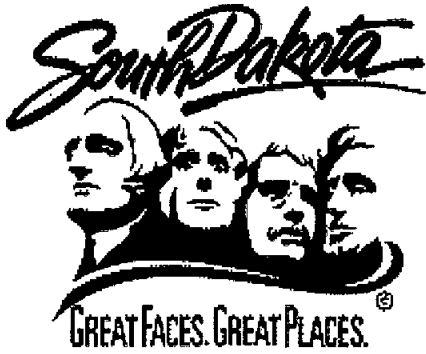
The hearing will be held at **9:00 am, March 6, 2014** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6412-3 & 7041-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office on/or before **March 3, 2014**, you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

January 29, 2014

6412-3
7041-3

Todd Jongeling
19423 467th Ave
Estelline SD 57234

Dear Mr. Jongeling:

I am writing to acknowledge receipt of your 2013 irrigation questionnaires.

You may disregard the January 24, 2014, "Notice" concerning reporting requirements for Water Right No. 6412-3 and Water Permit No. 7041-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

6412-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

February 3, 2015

Todd Jongeling
19423 467th Ave
Estelline SD 57234

Dear Mr. Jongeling:

The Water Right Program received a well driller's report filed by Kaiser Well Drilling on January 30, 2015. The report shows a new well was completed for you on May 10, 2014 located in the SW 1/4 SW 1/4 Section 30-T113N-R51W (copy enclosed).

A review of our files indicates you hold Water Permit Nos. 6412-3, 7041-3 and 7889-3. None of these permits authorize a well located in the SW 1/4 Section 30-T113N-R51W.

Mr. Jongeling, is this a replacement well or an additional well for one of your existing permits? It is possible that the legal description on the well completion report submitted by Kaiser Well Drilling is incorrect. Once we know this information, we can determine what additional action, if any, needs to be taken to ensure your water rights accurately reflect your irrigation system.

Please contact Eric Gronlund or me regarding the status of this well or if you have any questions.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us

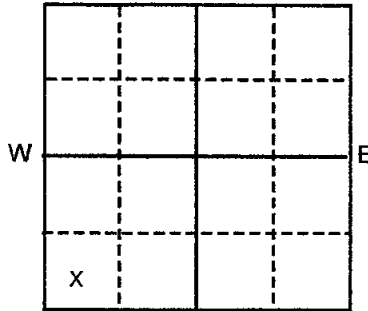
enclosure

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW 1/4 SW 1/4 Sec 30 Twp 113N Rg 51WNW 1/4 29County HAMLIN

North

Please mark well
location with an "X"

*As per call
from Todd Jongeling
2-12-15*

Well Completion Date

May 10, 2014

Well Owner: TODD JONGELING

Business Name:

Address: 19423 467TH AVECity, State, Zip: ESTELLINE SD 57234-5604

WELL LOG:

DEPTH

FORMATION	FROM	TO
TOP SOIL	0	1
YELLOW CLAY	1	10
YELLOW GRAVEL MIXED	10	22
BLUE CLAY	22	29
FINE-MED	29	45
MED-COURSE	45	50

STATIC WATER LEVEL 18.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: SUB☐ Bailed☐ Other

Pumping Level Below Land Surface

32.0 Ft. After 6.0 Hrs. pumped 400.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

RECEIVED

JAN 3 2015

WATER RIGHTS
PROGRAMThis well was drilled under license # 689 and this
report is true and accurate.Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: _____

PROPOSED USE:

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

METHOD OF DRILLING:

ROTARY DRILL

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>40.0 LB/FT</u>	<u>12.00 IN</u>	<u>0.0 FT</u>	<u>38.0 FT</u>	<u>18.00 IN</u>
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>GRTWELDF</u>	<u>14</u>	<u>54.0 Lb/gal</u>	<u>0.0 Ft</u>	<u>38.0 Ft</u>
		Lb/gal	Ft	Ft

Describe grouting procedure
tremie

SCREEN:

☐ Perforated pipe ☒ ManufacturedDiameter 12.00 Inches Length 8.0 FeetMaterial SSSlot Size 50 Set From 40.0 Feet to 48.0 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?☐ No, Why Not?Lab to which water
quality sample sent for analysis

Schlaak, Karen

From: Gronlund, Eric
Sent: Thursday, February 12, 2015 9:06 AM
To: Schlaak, Karen
Subject: Todd Jongeling

Mr. Jongeling called upon receiving your letter about drilling a new well.

After a little confusion, it became apparent that the driller (Kaiser) has the wrong legal description.

The well is a helper well drilled in the NW ¼ Section 29, T113N, R51W authorized by WR No. 6412-3. Mr. Jongeling received authorization for this additional well in October 2013.

Eric



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

November 1, 2024

~~2157-3, 6412-3~~
~~7041-3 & 8738-3~~

Todd Jongeling
19247 456th Ave
Lake Norden SD 57248

Dear Mr. Jongeling:

Enclosed is a "Notice" dated October 23, 2024, concerning the 2024 Irrigation Questionnaires.

The notice was originally mailed to 19423 467th Ave, Estelline SD 57234. The post office notified our office that your address has changed, and your records have been updated accordingly.

This is a time sensitive matter. Please complete and return the enclosed questionnaires or submit your reports online at <https://danr.sd.gov/iq/> using this password *CZURDB*.

If this change of address is in-correct, please contact our office immediately to update your contact information.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosures

553 N7E 1 124C2210/30/24
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