

WATER PERMIT NO. 7024-3

Name of Applicant: **Jon Reiners**

Address: **45805 281st St, Hurley SD 57036** Phone: **605 238-5320**

Amount of Water Claimed: **1.78 cfs** Total Acres: **no add'l**

Source of Water Supply: **groundwater (one well)**

Water to be used for: **irrigation** County: **Turner**

Type of Waste Disposal System:

Location: **2 miles northeast of Hurley**

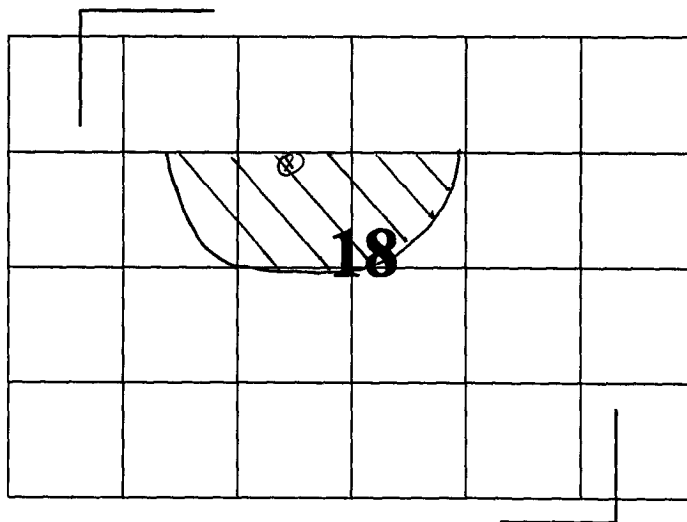
PRIORITY Date Received: **4-22-08** Application/License Fee: **\$200**

Corrected Application Received: Period of Annual Use: **April 1 – November 30**

Remarks: **Additional well and diversion rate to Water Right No. 4691-3**

Diversion Point: **SE ¼ NW ¼ Sec 18-T98N-R52W**

Land to be Irrigated: **S ½ NW ¼, SW ¼ NE ¼ Sec 18-T98N-R52W**



Depth of Well: **45 feet deep**

Well Driller:

Remarks:

Type of Map: **aerial**

Prepared by: **Edie Schoenwald, Turner Co FSA**

Reviewed and the Number Assigned on: **4-22-08**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

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

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>7024-3</u> (office use only)
	Basin <u>Vermillion River</u>
	Newspaper <u>Village Ent/Hurley Reader PO Box</u> <u>605-766-7827 Village 57070 398</u>

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APR 11 2008

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 4691-3
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.) add another well
and additional Diversion Rate

- Name of Applicant Jon Reiners Phone 605-238-5320
(check one) Owner ☒ Tenant/lessee ☐
Mailing Address 45805-281st St Hurley State SD 57036
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 800 *CFS or 800 **GPM ***AF Total Acreage 127
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Additional Well to permit 4691-3
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) See attached map
SE 1/4 NW 1/4 Sec 13 T98N R52N
County Turner
- County or counties where water will be used Turner
- Annual period during which water is to be used April - Nov 30
- 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
<u>Same as WR #4691-3</u>			

8. Give a description of the project. (Attach sheet if more space is needed) Replacing the 2 small pivots on the east side with one full sized pivot that makes a half circle. Requesting additional well to feed this new system. Requesting greater than statutory limit because pivot will (wind shield wipe).

STATE OF SOUTH DAKOTA) SS
County of Turner

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, Jon Reiners, 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.

Commission Expires
Subscribed and sworn to before me this 21 day of April 2008
April 29, 2011

Notary Public signature

SOUTH DAKOTA
WATER PERMIT NO. 7024-3

Date of first receipt of application April 22, 2008.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7024-3 to Jon Reiners, 45805 281st St, Hurley SD 57036 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. 7024-3 appropriates an additional 1.78 cubic feet of water per second (cfs) from an additional well to irrigate acres authorized by Water Right No. 4691-3. Water Right No. 4691-3 authorizes 1.80 cfs from two wells (one which was never developed) to irrigate 127 acres located in the S 1/2 NW 1/4, NW 1/4 NW 1/4, SW 1/4 NE 1/4 Section 18-T98N-R52W. This permit authorizes 1.78 cfs by constructing a new well to be completed into the Parker:Centerville Aquifer (approximately 45 feet deep) located in SE 1/4 NW 1/4 Section 18 to supply irrigation water to a center pivot making a windshield wiper type rotation covering approximately 70 acres in the S 1/2 NW 1/4, SW 1/4 NE 1/4 Section 18; all in T98N-R52W that is currently authorized by Water Right No. 4691-3. This will allow two pivots to operate independently of each other. There is no increase in the number of acres authorized for irrigation by this permit.
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: April 1 – November 30.
3. The date from which applicant may claim right is April 22, 2008.
4. The date of approval of Permit No. 7024-3 is June 30, 2008.
5. One-fifth of the construction is to be completed on or before December 30, 2010.
6. All construction is to be completed on or before June 30, 2013.
7. Water is to be put to beneficial use on or before June 30, 2017.
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. 7024-3 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. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 7024-3 authorizes a maximum diversion rate of 1.78 cfs for the irrigation of 70 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
4. 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

JUL 28 2008
date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 30" Depth 45'
- b) Casing Type plastic Diameter 16" Thickness Sch #40
- c) Screen Type plastic Diameter 16" Thickness Sch #40
- d) Gravel Pack 3/8 pea rock Length of Gravel Pack 30'
- e) Depth to Top of Water Bearing Material 10'
- f) Depth to Water (ground surface to water level) 12'
- g) Distance to nearest existing domestic well:
- On applicants property 1300' On property owned by others 1800'

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 _____

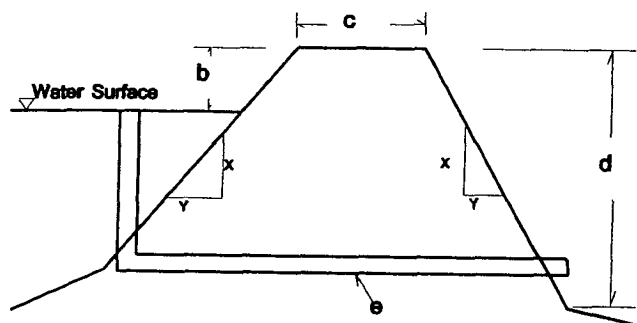
3. Dugout Information

- 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:

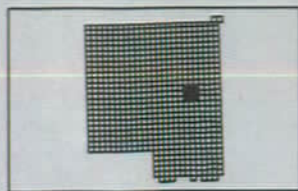


- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage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

#6661 2006



USDA U.S. Dept. of Agriculture
Farm Service Agency



South Dakota Turner County

18-98N-52W

Edie
Schoenwalel

4-21-08

Legend

- Wetlands
- Tract Boundaries
- Section-Township-Range
- Easements
- CRP
- Common Land Units
- Rangeland

WATER RIGHTS
PROGRAM

APR 22 2008

RECEIVED

USDA FSA maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership, rather it depicts the information provided directly from the producer and/or the 2004 ortho rectified imagery for South Dakota. The producer accepts the data "as is" and assumes all risks associated with its use. The USDA Farm Service Agency assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside of FSA Programs.

May 02, 2006

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 4/22, 20 08

RECEIVED OF Jon Reiners 45805 281st St Hurley SD 57036

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

Fee for Application for Permit No. <u>7024-B</u> to Appropriate Water, to construct and to put water to beneficial use	150	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>7024-B</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	200 00

No.

03008

By

Isabel Erbe
Chief Engineer

TO:

Chief engineer of the Water Rights Program

I am requesting permission to construct a test well which will then be used as my production well, provided my application for water right permit is approved.

I am requesting an additional well to irrigate a portion of the acres allowed by permit # 4691-3.

Jon Reiners




**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

April 22, 2008

Jon Reiners
45805 281st Street
Hurley, SD 57036

Dear Mr. Reiners:

As requested, pursuant to South Dakota Well Construction Standard 74:02:04:21, you are authorized to construct a test well in the NW¼ Section 18, T98N-R52W prior to approval of a water permit. The well will be completed into the Parker Centerville aquifer. 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.

Authorization must be obtained before water from the well can be used. Approval of this test well does not assure issuance of a water permit. Following review of a Water Permit Application; and assessing the availability of water, the potential impacts to existing users, the beneficial use, and the public interest of a permit, the Chief Engineer will make a recommendation to the Water Management Board regarding the application. The recommendation to approve, deny, or defer the application will be publicly noticed and an opportunity afforded for the public to intervene. A public hearing may be required to consider the water permit.

Very truly yours,

GARLAND ERBELE, Chief Engineer
Water Rights Program
(605) 773-3352



**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. 7024-3, Jon Reiners**

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. 7024-3, Jon Reiners, 45805 281st Street, Hurley SD 57036.

The Chief Engineer is recommending APPROVAL of Application No. 7024-3 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. 7024-3 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. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 7024-3 authorizes a maximum diversion rate of 1.78 cfs for the irrigation of 70 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
4. 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 2, 2008

REPORT ON WATER PERMIT NO. 7024-3
For Jon Reiners
May 29, 2008

Application No. 7024-3 proposes to appropriate 1.78 cfs (800 gpm) from one additional well approximately 45 feet deep located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of section 18 to irrigate acres authorized by Water Right No. 4691-3. Water Right No. 4691-3 authorizes 1.80 cfs from two wells (one was never developed) to irrigate 127 acres located in the S $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ of section 18, T98N R52W. This application proposes to appropriate 1.78 cfs from the new well to irrigate 70 acres in the S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$ of section 18; all in T98N R52W in Turner County. Approval of this application will allow two pivots to operate independently of each other. The applicant is requesting a diversion rate greater than the statutory limit of one cfs per 70 acres. There is no increase in the number of acres authorized for irrigation by this application.

AQUIFER – PARKER CENTERVILLE (PAC)

The Parker Centerville is a surficial outwash (sand and gravel) under water table conditions at this site. The aquifer underlies 74 square miles and contains an estimated 322,000 acre-feet of water in storage in Turner County (Lindgren, 1990). The aquifer blends into the Vermillion West Fork and Vermillion East Forks aquifers to the north, extends into Lincoln County to the east and into Clay County to the south. Ground water movement is from northwest to southeast in the area of this application (Lindgren, 1990).

No test holes were drilled for this application however the applicant already has irrigation well within one-quarter mile of this location. The depth estimated by the applicant should mean a production well would be completed into the Parker Centerville aquifer. The county study, observation well drilling and other test wells in the area all indicate this area should be underlain by the Parker Centerville aquifer.

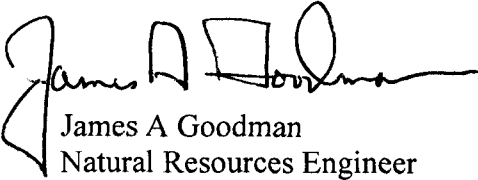
The Water Rights Program monitors two observation wells completed into the Parker Centerville aquifer in the immediate area of this application. These are observation wells TU-56H and TU-80F and are completed into the Parker Centerville aquifer within one mile of this application. Water levels for these wells show good response to climatic conditions. Water levels rise during wet years (recharge) and gradually decline during dry years. The effects of pumping of nearby irrigation wells are not obvious. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2008). Hydrographs for these two observation wells area included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest irrigation well, Water Right No. 1348-3 (1.11 cfs, 80 acres) is located about 600 feet to the northeast of this proposed well. Interference may be a concern. At this distance between wells drawdown will extend to the other well and during pumping both cones of depression will overlap. This is not expected to be significant. This conclusion is somewhat verified by the observation well hydrographs.

CONCLUSIONS

1. Water is available from the Parker Centerville aquifer.
2. The aquifer is under water table conditions at this site. Drawdown will be created by pumping and will extend to a nearby irrigation well. This drawdown is not expected to be significant nor cause adverse effects upon the prior water right. The only way to evaluate the potential for interference is measure drawdown during pumping. This well will have to be constructed and tested to make this determination. It is not likely however that interference will be adverse.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.
4. This well must be completed into the Parker Centerville aquifer and not extended into the underlying Upper Vermillion Missouri aquifer.
5. The diversion rate requested by the applicant is reasonable if a full size center pivot system is to be used. This amount of water would be needed to operate the system. However with this being said the old Water Right of 4691-3 which covered these same lands can be diminished because that right will not be fully utilized anymore.

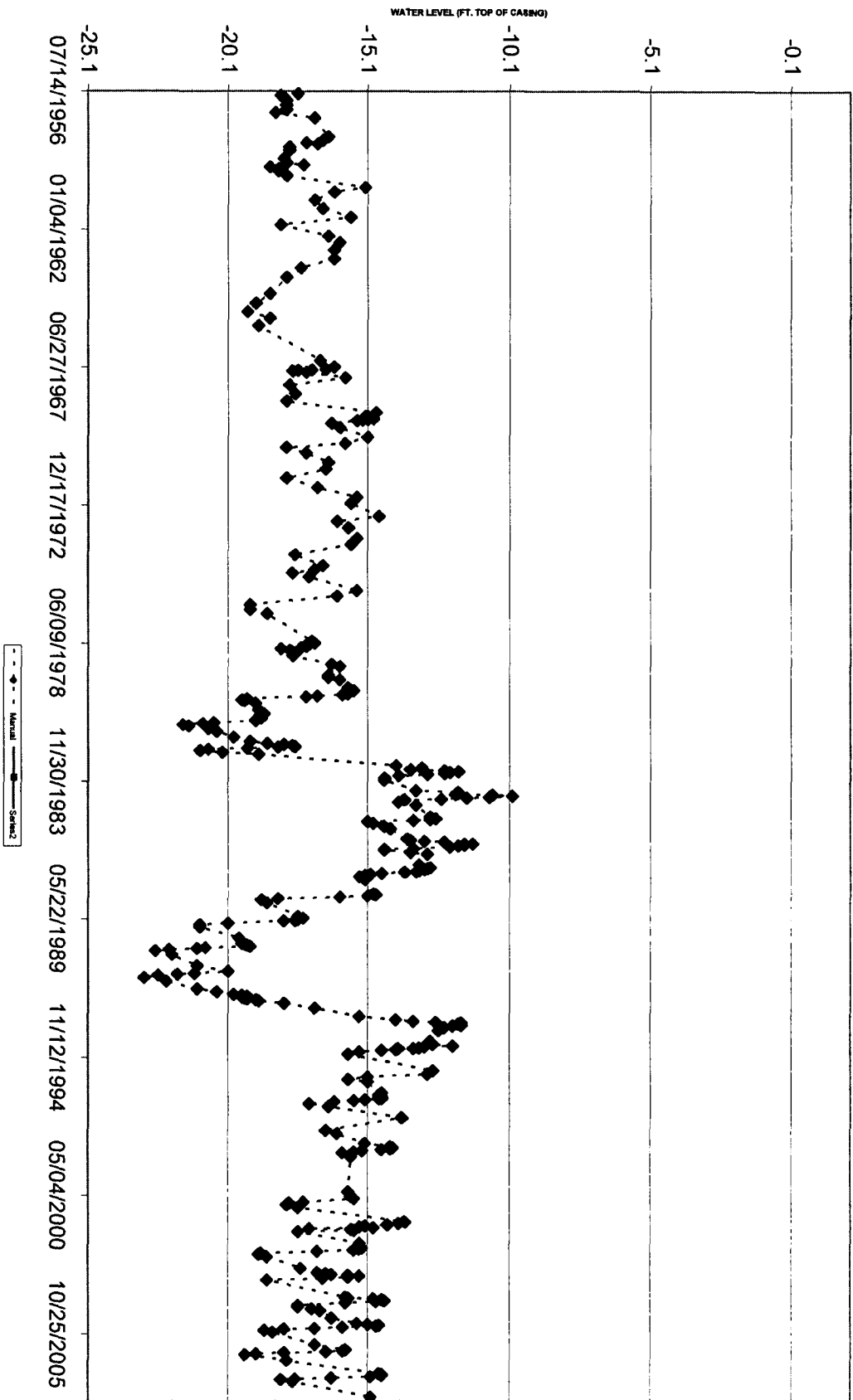


James A Goodman
Natural Resources Engineer

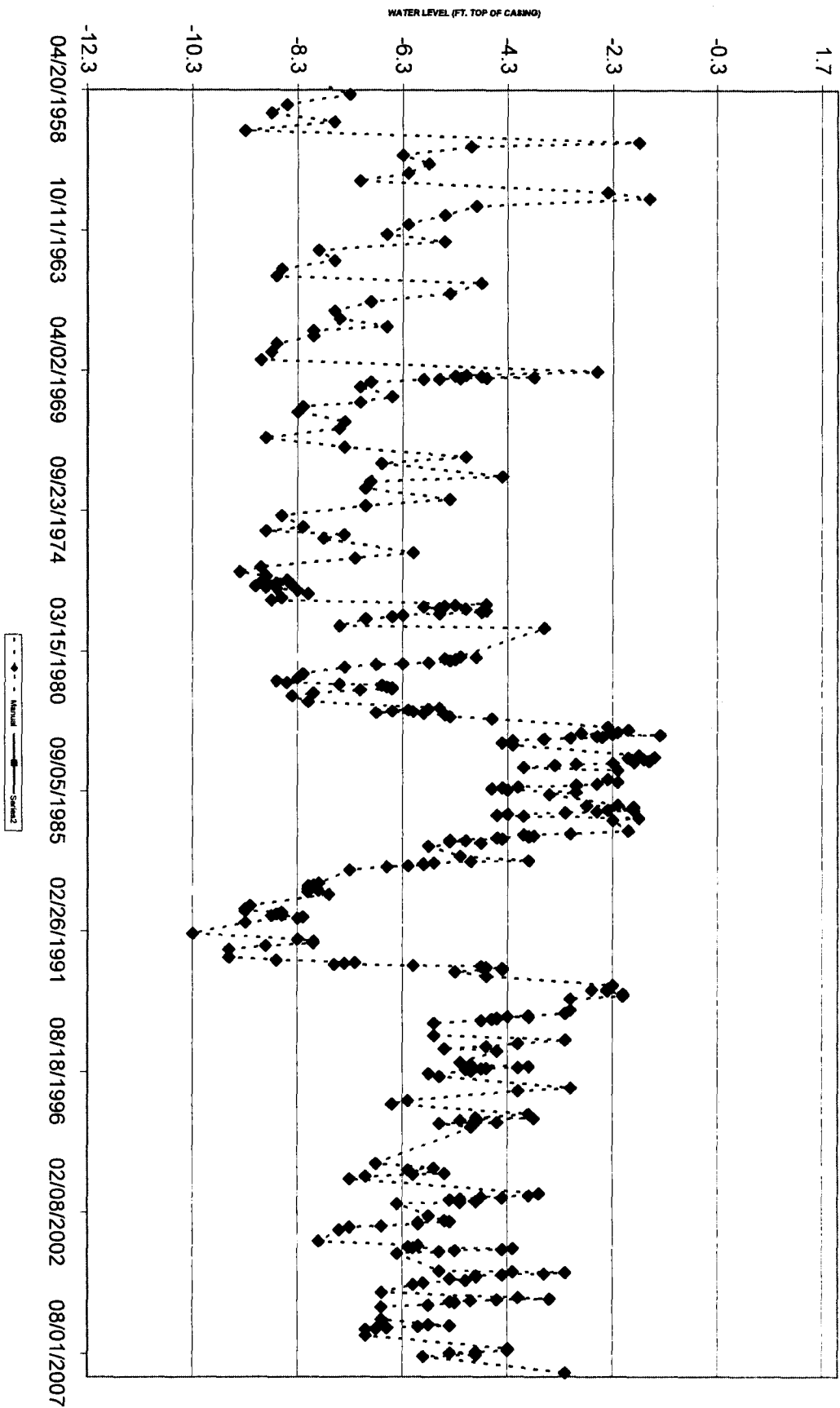
BIBLIOGRAPHY

- Lindgren, R.J., D.S. Hansen, 1990, Water Resources of Hutchinson and Turner Counties, South Dakota, Water-Resources Investigations Report 90-4093, USGS, Huron, SD, 57350.
- Water Rights, 2008, Unpublished Observation Well Data for Turner and Lincoln Counties, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
TU-56H**



**WATER RIGHTS' OBSERVATION WELL
TU-80F**



RECEIVED

JUL 14 2008

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION
STATE OF SOUTH DAKOTA)

:SS
COUNTY OF TURNER)

Allyson M. Hill, being first duly sworn, on VIBORG ENTERPRISE is a WEEKLY newspaper VIBORG in said county of TURNER, State of South that she is authorized to and does make this affidavit on VIBORG ENTERPRISE; that affiant has personal knowledge of the facts stated in this affidavit; that said newspaper is a legal publication as defined by SDCL 17-2-2.1 through 17-2-2.4 inclusive; has a bona fide circulation of at least two hundred copies has been published in the English language within said county; has been admitted to the United States mail under the second class privilege, for at least one year continuously next prior to the date of the notice herein mentioned and was and is printed wholly in an office maintained at said place of publication; that a printed copy of which taken from the paper in which it is published is hereto attached and is made part of this affidavit published in said newspaper

2 time(s) as follows: that the first publication

notice in said newspaper aforesaid was on Thursday

the 12 day of June

and that the succeeding publications were several

on Thursday, the 19 day of June

on Thursday, the ___ day of _____

on Thursday, the ___ day of _____

on Thursday, the ___ day of _____

Affiant further says that the full amount of the fee for the publication of said notice inures to the benefit of the publisher of said newspaper; that no agreement of understanding for the publication thereof has been made with any other person, that no part thereof has been agreed to be paid to any person whomsoever; and that the affiant is not charged for the publication thereof are:

DOLLARS (\$) 46.50

(x) Allyson M. Hill, Allyson M. Hill

Subscribed and sworn to before me this 30 day

June, 2008

Notary Public

My commission expires 11/14/2012

NOTICE OF APPLICATION NO. 7024-3 to Appropriate Water

Notice is given that Jon Reinert, 45805 281st St, Hurley SD 57036 has filed an application for a water permit to appropriate an additional 1.78 cubic feet of water per second (cfs) from an additional well to irrigate acres authorized by Water Right No. 4691-3. Water Right No. 4691-3 authorizes 1.80 cfs from two wells (one which was never developed) to irrigate 127 acres located in the S 1/2 NW 1/4, NW 1/4 NW 1/4, SW 1/4 NE 1/4 Section 18-T98N-R52W. This application proposes to appropriate 1.78 cfs by constructing a new well to be completed into the Parker-Centerville Aquifer (approximately 45 feet deep) located in SE 1/4 NW 1/4 Section 18 to supply irrigation water to a center pivot making a windshield wiper type rotation covering approximately 70 acres in the S 1/2 NW 1/4, SW 1/4 NE 1/4 Section 18; all in T98N-R52W that is currently authorized by Water Right No. 4691-3. This will allow two pivots to operate independently of each other. The applicant is requesting a diversion rate greater than the statutory limits of 1 cfs per 70 acres. There is no increase in the number of acres authorized for irrigation by this application.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7024-3 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 this 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 this 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 June 30, 2008.

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. Pimer, Secretary, Department of Environment and Natural Resources.

SHANE HILL



NOTARY PUBLIC
SOUTH DAKOTA





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 3, 2008

Viborg Enterprise-Hurley Leader
PO Box 398
Viborg SD 57070

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7024-3 to Appropriate Water to be published twice. Please publish the first notice on June 12, 2008 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 Jon Reiners, 45805 281st St, Hurley SD 57036 (Ph # 605-238-5320).

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. 7024-3

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

Date _____

We are in receipt of your letter of June 3, 2008 enclosing Notice to Appropriate Water by Application No. 7024-3 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 3, 2008

Jon Reiners
45805 281st St
Hurley SD 57036

Dear Mr. Reiners:

Water Permit Application No. 7024-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Viborg Enterprise-Hurley Leader printed at Viborg SD (Ph # 605-766-7827). 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 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 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. 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.

Instruction to Newspaper - Publish first Notice on June 12, 2008 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 7024-3 to Appropriate Water

Notice is given that Jon Reiners, 45805 281st St, Hurley SD 57036 has filed an application for a water permit to appropriate an additional 1.78 cubic feet of water per second (cfs) from an additional well to irrigate acres authorized by Water Right No. 4691-3. Water Right No. 4691-3 authorizes 1.80 cfs from two wells (one which was never developed) to irrigate 127 acres located in the S $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 18-T98N-R52W. This application proposes to appropriate 1.78 cfs by constructing a new well to be completed into the Parker:Centerville Aquifer (approximately 45 feet deep) located in SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 18 to supply irrigation water to a center pivot making a windshield wiper type rotation covering approximately 70 acres in the S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 18; all in T98N-R52W that is currently authorized by Water Right No. 4691-3. This will allow two pivots to operate independently of each other. The applicant is requesting a diversion rate greater than the statutory limits of 1 cfs per 70 acres. There is no increase in the number of acres authorized for irrigation by this application.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7024-3 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 this 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 this 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 June 30, 2008.

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

JUL 28 2008

Jon Reiners
45805 281st St
Hurley SD 57036

Dear Mr. Reiners:

Enclosed is Water Permit No. 7024-3 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

7024-3
RECEIVED

DEC - 3 2008

WATER RIGHTS
PROGRAMNOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate 11/29/08TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM:

Jon Reiners
(name)
45805 28th St
(address)
Hurley SD 57036 238-5320
(city, state, zip) (phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

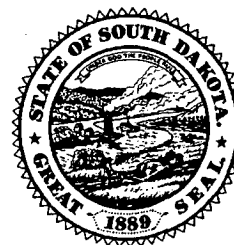
Water Permit No. 7024-3 states that the water use system is to be constructed by 6/30/13, and water is to be put to beneficial use by 6/30/17.
(date) (date)

The water use system was completed on 7/1/08.
(date)

Applying the water to beneficial use was completed on 7/1/08.
(date)

You may schedule an investigation so that the water license may be issued.

Jon Reiners
(signature)





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

December 4, 2008

7024-3

Jon Reiners
45804 281st St
Hurley SD 57036

Dear Mr. Reiners:

I am writing to acknowledge receipt of the "Notice of Completion of Works" form that you sent in to let us know that you are completed with your irrigation system.

The system is now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of your project and the staff inspection has no bearing on your water permit.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

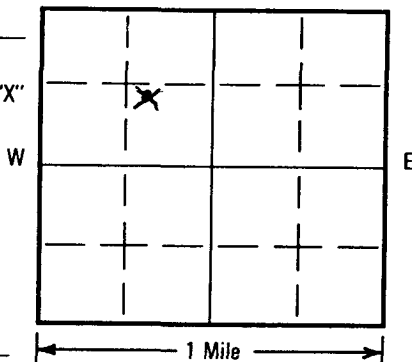
7024-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 NW 1/4 Sec 18 Twp 98 Rg 52
County Turner

Please mark well location with an "X"



Well Completion Date

6/10/08

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 1500 ft. from septic tank (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Boring Machine

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
____ LB/FT	<u>18</u> IN	<u>0</u> FT	<u>20</u> FT	<u>30</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
____	____	____ lb./gal	____ ft	____ ft
____	____	____ lb./gal	____ ft	____ ft

Describe grouting procedure Cement grout from 6' to top of casing

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter 18 IN Length 20 FEET

Material Plastic

Slot Size .080 Set From 20 Feet to 40 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? _____

Laboratory sent to for water quality analysis _____

Well Owner: Jon Reiners

Business Name: _____

Address: 45805 281st St
Hurley SD 57036

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top Soil	0	3'
Gravel	3'	6'
Water Bearing Sand & gravel	6'	40'

RECEIVED

JUN - 3 2009

WATER RIGHTS PROGRAM

STATIC WATER LEVEL 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:

☐ Pumped Describe: _____
☐ Bailed no test
☐ Other _____

Pumping Level Below Land Surface

____ ft. After _____ Hrs. pumped _____ GPM

____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 800 GPM

REMARKS

This well was drilled under license # 478

And this report is true and accurate.

Drilling firm Reiners Well Drilling

Signature of License Representative: _____

Jon Reiner

Signature of Well Owner or Equitable Property Holder: _____

Jon Reiner

Date: 6/1/09