

WATER PERMIT NO. 7294-3

Name of Applicant: Larry L Schmidt

Address: 44819 277th St, Parker SD 57053 Phone: 605 648-3966

Amount of Water Claimed: 4.0 cfs Total Acres: 456 acres

Source of Water Supply: groundwater (4 wells)

Water to be used for: irrigation County: Turner

Type of Waste Disposal System:

Location: ½ mile south of Parker

PRIORITY Date Received: 12-19-11 Application/License Fee: \$ 1,550

Corrected Application Received: Period of Annual Use: May 1 – September 30

Remarks:

Diversion Point: NE ¼ SE ¼, NE ¼ NW ¼, NE ¼
SW ¼ Sec 20-T99N-R53W

Land to be Irrigated: NW ¼, S ½ Section 20-
T99N-R53W

Depth of Well: approximately 80 feet deep

Well Driller: Hammond-Wetmore Drilling

Remarks:

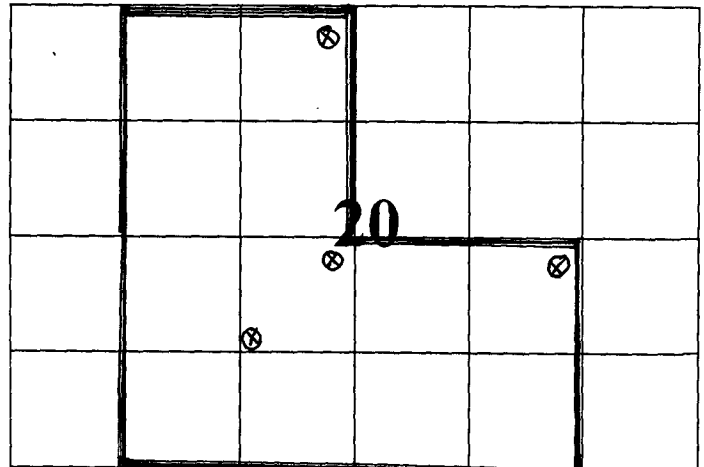
Type of Map: aerial

Prepared by: Merris Miller, Turner Co. NRCS

Reviewed and the Number Assigned on: 12-19-20

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



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. <u>7294-3</u>	(office use only) Hydrologic Unit <u>10170102</u>
	Basin <u>Vermillion River</u>	
	Newspaper <u>The New Era PO Box 579</u>	
	<u>605-297-4419</u>	<u>Parker 57053</u>

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DEC 19 2011

WATER RIGHTS
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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.)

1. Name of Applicant Larry L. Schmidt Phone (605) 648-3966
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 44819 277th street Parker SD 57053
(Address) (City) (State) (Zip Code)
2. Amount of water claimed 4.0 *CFS or 1800 **GPM ***AF Total Acreage 456
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
3. Source of water supply wells
4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Turner
1 well in NE1/4SE1/4, 1 well in NE1/4NW1/4, and 2 wells in NE1/4SW1/4 section 20 T-99-N R-53-W
5. County or counties where water will be used Turner
6. Annual period during which water is to be used Summer months May 1 - Sept. 30
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
NW1/4 section 20 T-99-N R-53-W	154	SW1/4 section 20 T-99-N R-53-W	146
SE1/4 section 20 T-99-N R-53-W	156		

8. Give a description of the project. (Attach sheet if more space is needed)
1 well at 600gpm for center pivot on SW 1/4, 1 well at 600gpm for center pivot on NW 1/4, and 2 wells at 300gpm for center pivot on SW1/4 section 20 T-99-N R-53-W

STATE OF SOUTH DAKOTA)
County of Turner) SS

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

I, Larry L. Schmidt, 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

Larry L. SchmidtSubscribed and sworn to before me this 16 day of Dec. 20 11[Signature]

Notary Public signature

**SOUTH DAKOTA
WATER PERMIT NO. 7294-3**

Date of first receipt of application December 19, 2011.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7294-3 to Larry L Schmidt, 44819 277th St, Parker SD 57053 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. 7294-3 appropriates 4.0 cubic feet of water per second from four wells to be completed into the Vermillion:West Fork Aquifer (80 feet deep) located in NE 1/4 SE 1/4, NE 1/4 NW 1/4, NE 1/4 SW 1/4 Section 20 for irrigation of 456 acres located in the NW 1/4, S 1/2 Section 20; all in T99N-R53W.
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 – September 30.
3. The date from which applicant may claim right is December 19, 2011.
4. The date of approval of Permit No. 7294-3 is February 27, 2012.
5. One-fifth of the construction is to be completed on or before August 27, 2014.
6. All construction is to be completed on or before February 27, 2017.
7. Water is to be put to beneficial use on or before February 27, 2021.
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 wells 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 wells authorized by Permit No. 7294-3 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

MAR 30 2012

date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 30" Depth 80'
- b) Casing Type pvc Diameter 16" Thickness 1/2"
- c) Screen Type slotted pvc Diameter 16" Thickness 1/2"
- d) Gravel Pack 1/8 to 3/8 pea Length of Gravel Pack 34'
- e) Depth to Top of Water Bearing Material 45'
- f) Depth to Water (ground surface to water level) 40'
- g) Distance to nearest existing domestic well:
- On applicant's property n/a On property owned by others 700'

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

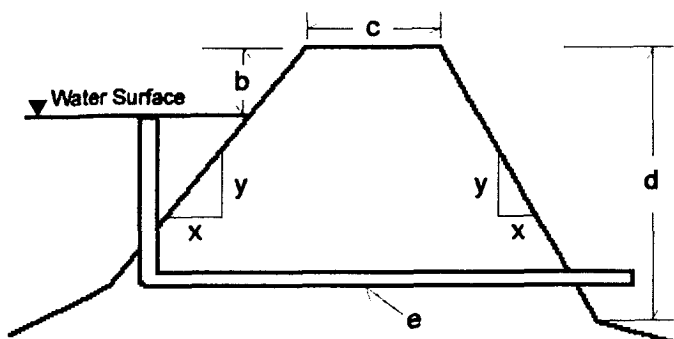
3. Dugout Information

- 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

Irrigation Proposal Map

Field Office: Parker FO

Certified By: Merris Miller

Legal Desc: Section 20, T99N, R53W

Agency: USDA-NRCS

Certified Date: 12/8/2011

Tract: 0000



South 1/2 and NW 1/4
Section 20 - 99-S3

0 290 580 1,160 1,740 2,320 2,900 3,480 Feet

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Merris Miller
MERRIS MILLER
DC NRCS
PARKER F.O.



SOUTH DAKOTA WATER WELL COMPLETION REPORT

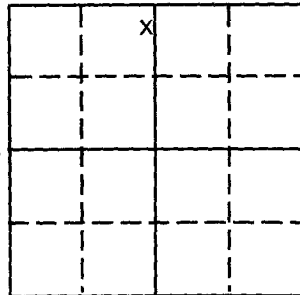
11-02

Location NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 20 Twp 99 Rg 53

County

Turner

North



Please mark well location with an "X"

Well Completion Date

12/1/2011

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:

Forward Rotary

CASING DATA:

☐ Steel
 ☒ Plastic
 ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	3.00 IN	0.0 FT	52.0 FT	4.77 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Vol Clay	4	Lb/gal	0.0 Ft	40.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure _____

SCREEN:

☐ Perforated pipe
 ☒ Manufactured
 Diameter _____ Inches Length 20.0 FeetMaterial PVCSlot Size 0.057 Set From 52.0 Feet to 72.0 Feet

Other information _____

WAS A PACKER OR SEAL USED?

☒ Yes
 ☐ No
 If so, what material? PeaRock

Describe packer(s) and location

500lbs 40-62ft

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How? _____

☐ No, Why Not? _____

Lab sample sent to for water quality analysis

Well Owner: Larry Schmidt

Business Name: _____

Address: 44819 277th StCity, State, Zip: Parker SD 57053

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Yellow Clay	0	30
Blue Clay	30	45
Gravel	45	60
Coarse Sand and Gravel	60	70
Blue Clay	70	20 72

STATIC WATER LEVEL

_____ 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

_____ Ft. After

_____ Hrs. pumped

_____ GPM

_____ Ft. After

_____ Hrs. pumped

_____ GPM

If pump installed, pump rate:

_____ GPM

REMARKS

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This well was drilled under license # _____

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:

Larry Schmidt

Date:

Dec 13, 2011

Date: 11/27/2011

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 12/19, 20 11

RECEIVED OF Larry Schmidt 44819 277th St Parker SD 57053

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

Fee for Application for Permit No. <u>7294-3</u> to Appropriate Water, to construct and to put water to beneficial use	1450	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>7294-3</u>	200	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	1650 00

No. **05147**

By [Signature]

Chief Engineer

April 2, 2012

PAYMENT REQUEST FORM

PAYEE: Larry L Schmidt
44819 277th St
Parker SD 57053

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

DESCRIPTION OF SERVICE, PRODUCE OR TRANSFER

Refund on Water Permit No. 7294-3 (overpayment)

AMOUNT: \$100.00

FUNDING SOURCE:

GENERAL: X

FEDERAL:

COMMENTS:

AUTHORIZATION:

Yarland Ekere 4/2/12

I declare and affirm under the penalties of perjury that this claim is in all things, true and correct. I further agree to comply with the provisions of the Civil Rights Act of 1964 and regulations issued thereunder relating to nondiscrimination in federal assisted programs.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7294-3, Larry L Schmidt**

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. 7294-3, Larry L Schmidt, 44819 277th Street, Parker SD 57053.

The Chief Engineer is recommending APPROVAL of Application No. 7294-3 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 wells 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 wells authorized by Permit No. 7294-3 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
February 1, 2012

REPORT ON WATER PERMIT APPLICATION NO. 7294-3

For Larry L. Schmidt

January 19, 2012

Application No. 7294-3 proposes to appropriate 4.0 cfs (1,795 gpm) from four wells approximately 80 feet deep and located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ of section 20 for irrigation of 456 acres located in the NW $\frac{1}{4}$, S $\frac{1}{2}$ of section 20; all in T99N R53W in Turner County.

AQUIFER – VERMILLION WEST FORK (VWF)

The Vermillion West Fork is a predominantly surficial outwash (sand and gravel) but at this site is buried but still under water table conditions. The aquifer underlies about 18 square miles and contains an estimated 51,000 acre-feet of water in storage in Turner County (Lindgren, 1990). The aquifer extends into McCook County to the north blends into the Vermillion East aquifer to the northeast and into the much larger Parker Centerville aquifer to the south. The aquifer is hydraulically connected to the West and East Forks of the Vermillion River. Ground water movement is probably from west to east and locally toward the Vermillion River (Lindgren, 1990). This aquifer covers a relatively small land area and appears to be relatively thin over much of its areal extent and therefore would be more dependent upon flows from the West Fork of the Vermillion River. Where this application is located is also an area where the original mapping for the aquifer indicates no aquifer is present. The aquifer is larger and thicker than originally thought and it appears the aquifer extent may be four or five square miles larger than the original estimates. It seems logical to include this area in the Vermillion West Fork aquifer rather than the Parker Centerville aquifer. Basically these two aquifers are one in the same.

Test drilling for this application indicates good potential for irrigation. One test well reported gravel from about 45 feet to 70 feet below land surface and a production test well in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of section 20 indicates gravel and rocks from 32 feet to 77 feet below land surface with a static water level of 43 feet below land surface. A production test of this well indicates a potential pumping rate of 550 gpm with a drawdown of 12 feet. This yields a specific capacity of about 46 gpm/ft of drawdown. This is a high specific capacity and indicates good potential development.

Recharge to the aquifer has been estimated to range from 2.0 to 5.6 inches per year (Hedges, 1982). The nearby Parker Centerville aquifer has an estimated recharge rate of 4.9 inches per year and is similar geologically and hydrologically to the Vermillion West Fork aquifer. Using the recharge rate for the Parker Centerville aquifer and the original estimate for the areal extent of the aquifer the recharge volume would be about 4,700 acre-feet per year. Water use for irrigation and municipal use for the city of Parker (also optimizing municipal use based upon permit limitations) would yield a potential use of about $\frac{1}{3}$ the volume of the recharge estimate. The bottom line is that water should be available for appropriation.

The Water Rights Program does monitor two observation wells within two miles of this application. TU-80CR is located about two miles northeast of this application and completed into the Vermillion West Fork aquifer and TU-79A is located about two miles southeast of this application and completed into the Parker Centerville aquifer. Overall the hydrographs for these two wells show good response to climatic conditions, that is, rising water levels during wet years and gradually declining water levels during dry years. In general the water level record indicates the aquifer is capable of sustaining additional withdrawals (Water Rights, 2010). Hydrographs for these two observation wells are included with this report.

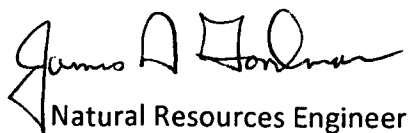
REVIEW OF EXISTING WATER PERMITS/RIGHTS

Two of the four proposed wells for this application will be located within one-quarter to one-half mile of an existing or proposed irrigation well. These proposed wells are authorized by Water Permit No. 7151-3 and No. 7173-3. At this distance between wells drawdown should not be significant nor cause any adverse effect. Interference is not expected to be a concern. However, because the aquifer is relatively thin, and during periods of extended drought which are shown on the hydrographs as potentially causing overall lowering of area water levels, well yields may be affected. In other words during a long term drought well production may diminish to a point where additional wells or lowering of pumps will be needed to maintain production rates. This is not technically interference between wells but is an overall aquifer problem due to lack of recharge for a period of time.

CONCLUSIONS

1. Water is available from the Vermillion West Fork aquifer.
2. The aquifer is under water table conditions at this site but is buried underneath glacial till. Drawdown created by pumping should not be significant very far from an individual production well. This is shown by the testing of the one production well, historical data from the observation wells and experience. Interference is not a concern.
3. The wells authorized by this application must be constructed in accordance with SD Well Construction Standards.
4. The size of the aquifer mapped in the County study is apparently not representative of the entire aquifer. It appears there is a larger segment of the aquifer located between what is mapped as the Vermillion West Fork aquifer and the Parker Centerville aquifer. I have chosen to call this segment part of the Vermillion West Fork aquifer even though it appears they are probably connected and really the same source.
5. For practical purposes water is available from either the Vermillion West Fork or the Parker Centerville aquifer for appropriation no matter which is considered the source.

James A Goodman



Natural Resources Engineer

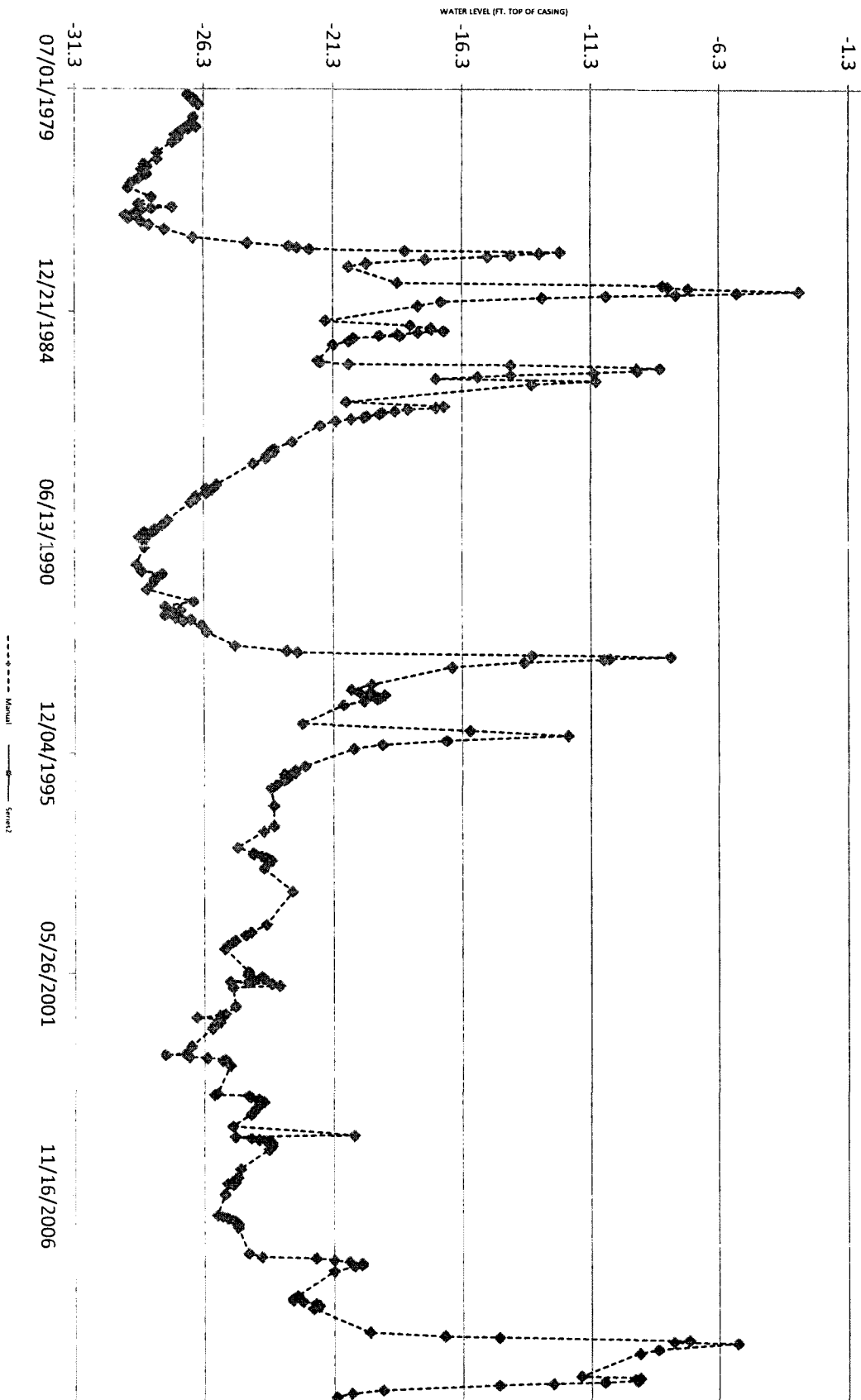
BIBLIOGRAPHY

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

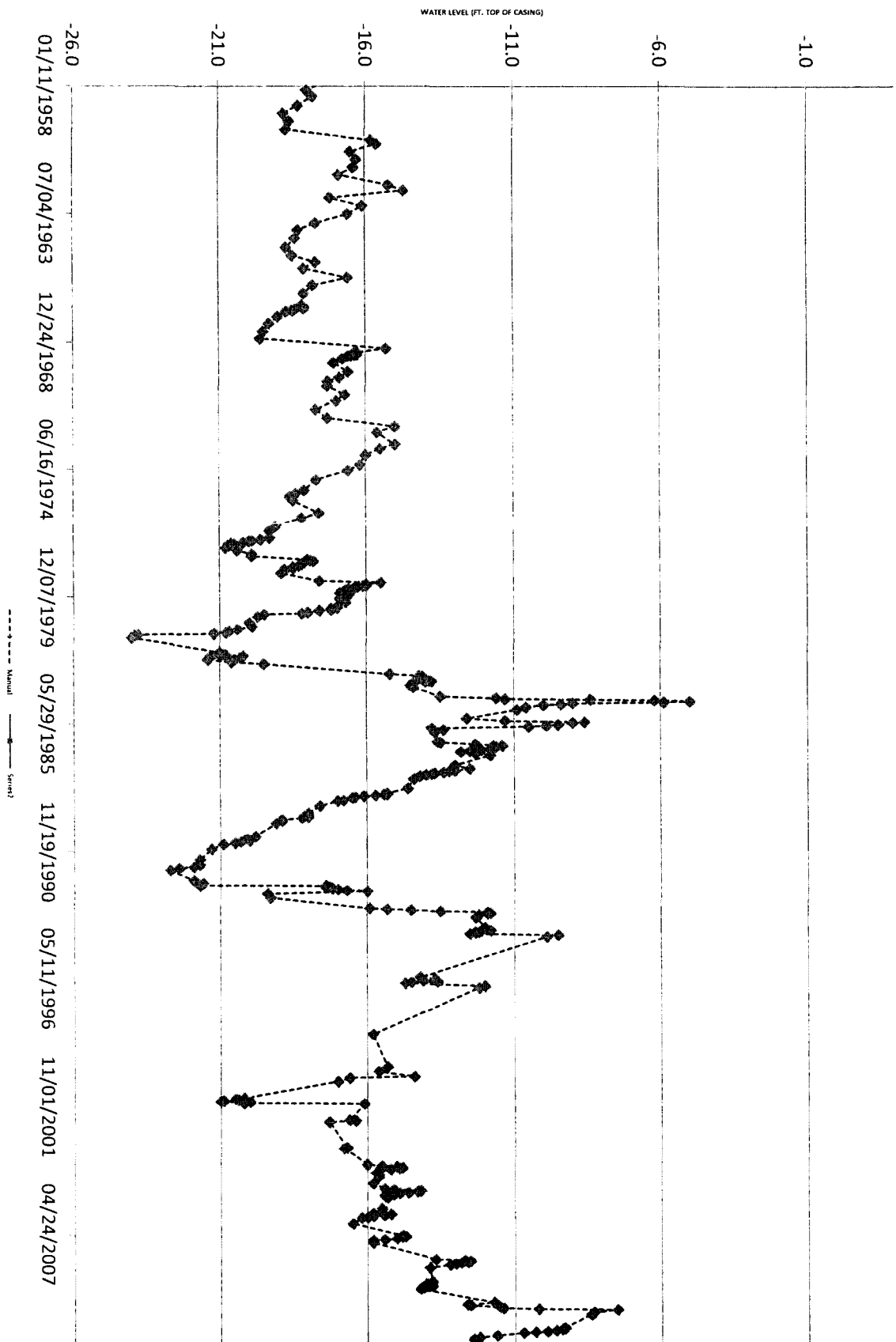
Lindgren, R.J., D.S. Hansen, 1990, Water Resources of Hutchinson and Turner Counties, South Dakota, Water-Resources Investigations Report 90-4093, USGS, Huron, SD, 57350.

Water Rights, 2012, Unpublished Observation Well Data for Turner County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL TU-79A



WATER RIGHTS' OBSERVATION WELL TU-80CR



Affidavit of Publication

STATE OF SOUTH DAKOTA
COUNTY OF TURNER

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MAR 26 2012

WATER RIGHTS
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I, Robin Schneider of the City of Parker, County of Turner, State of South Dakota being first duly sworn on oath, deposes and says: The New Era is a weekly legal newspaper of general circulation, printed and published in the City of Parker, in said County of Turner, by The New Era, New Century Press, publishers, and has been such legal newspaper during the times hereinafter mentioned; that the said newspaper has been in existence as such legal newspaper for more than one year prior to the publication of the notice hereunto attached, and has during all of said publication of the notice hereunto attached, and has during all of said time had, and now has, more than 200 bona fide subscribers; that the undersigned, The affiant, is the Office Manager of the said newspaper, in charge of the advertisement department thereof and has personal knowledge of all the facts stated in this affidavit and the advertisement headed:

#5309 Notice of Application Nos. 7311-3 to Appropriate Water

_____ printed copy of hereto attached, is printed and published in the said newspaper for two successive weeks, one each week and on the same day of the week, on the following dates, to wit:

On Thursday, the 9th	day of	Feb.	, 2012
On Thursday, the 16th	day of	Feb.	, 2012
On Thursday, the	day of		, 2012
On Thursday, the	day of		, 2012
On Thursday, the	day of		, 2012

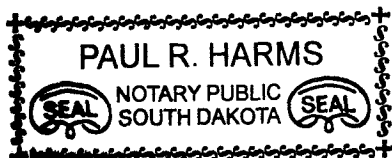
That \$59.50 being the full amount of the fees for publication of the attached notices insures solely for the benefits of the publishers of the said newspaper, that no arrangement or understanding for a division thereof has been made with any other person and that no part thereof has been agreed to be paid to any other person whomsoever.

see attached

Robin Schneider
Subscribed and sworn to before me this 23rd
Day of March 2012
Paul R Harms
Notary Public, Turner County, South Dakota

My Commission Expires: March 20, 2018

Publication Fee \$
Notary Fees \$
Total \$59.50



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MAR 26 2012

W. PROGRAM

**NOTICE OF APPLICATION NO.
7294-3 TO Appropriate Water**

Notice is given that Larry L Schmidt, 44819 277th St, Parker SD 57053 has filed an application for a water permit to appropriate 4.0 cubic feet of water per second from four wells to be completed into the Vermillion:West Fork Aquifer (80 feet deep) located in NE 1/4 SE 1/4, NE 1/4 NW 1/4, NE 1/4 SW 1/4 Section 20 for irrigation of 456 acres located in the NW 1/4, S 1/2 Section 20; all in T99N-R53W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. **7294-3** 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 Feb. 27, 2012.

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.

Published twice at the total approximate cost of \$59.50

(#5309, 02/09/12, 02/16/12, The New Era)



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

February 2, 2012

The New Era
PO Box 579
Parker SD 57053

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7294-3 to Appropriate Water to be published twice. Please publish the first notice on February 9, 2012 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 Larry L Schmidt, 44819 277th St., Parker SD 57053 (Ph # 605-648-3966).

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. 7294-3

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

Date _____

We are in receipt of your letter of February 2, 2012 enclosing Notice to Appropriate Water by Application No. 7294-3 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
denr.sd.gov

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

February 2, 2012

Larry L Schmidt
44819 277th St
Parker SD 57053

Dear Mr. Schmidt:

Water Permit Application No. 7294-3 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 New Era printed at Parker SD (Ph # 695-297-4419). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendations of the Chief Engineer and reports on the applications 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 Notices 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 applications.

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 February 9, 2012 with the second publication 7 days later. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

NOTICE OF APPLICATION NO. 7294-3 to Appropriate Water

Notice is given that Larry L Schmidt, 44819 277th St, Parker SD 57053 has filed an application for a water permit to appropriate 4.0 cubic feet of water per second from four wells to be completed into the Vermillion:West Fork Aquifer (80 feet deep) located in NE $\frac{1}{4}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 20 for irrigation of 456 acres located in the NW $\frac{1}{4}$, S $\frac{1}{2}$ Section 20; all in T99N-R53W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7294-3 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 February 27, 2012.

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.

Published twice at the total approximate cost of _____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

MAR 30 2012

Larry L Schmidt
44819 277th St
Parker SD 57053

Dear Mr. Schmidt:

Enclosed is Water Permit No. 7294-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

This application was submitted with a \$1,650.00 fee. The correct fee is \$1,550.00. Therefore, \$100.00 will be refunded to you. The refund check should be received within the next couple of weeks.

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.

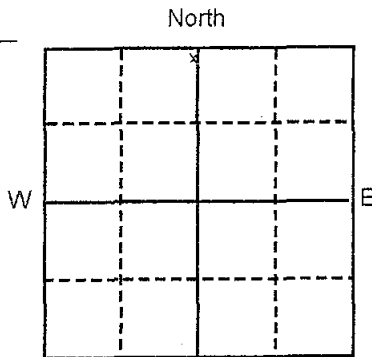
Sincerely,

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

enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location ne 1/4 nw 1/4 Sec 20 Twp 99n Rg 53wCounty turnerPlease mark well
location with an "X"

Well Completion Date

July 5, 2012

1 Mile

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

700.0 ft. from septic tank (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

bucket

CASING DATA:

☐ Steel ☒ Plastic ☐ Other
 If other describe schedule 40

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	<u>16.00</u> IN	<u>0.0</u> FT	<u>52.0</u> FT	<u>24.00</u> IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>port grt</u>	<u>20</u>	<u>9.5</u> Lb/gal	<u>0.0</u> Ft	<u>46.0</u> Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
remie

SCREEN:

☐ Perforated pipe ☒ Manufactured
 Diameter 16.00 Inches Length 20.0 Feet
Material pvcSlot Size .080 Set From 52.0 Feet to 72.0 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? na
 Lab to which water
 quality sample sent for analysis
Well Owner: Larry Schmidt

Business Name:

Address: 44819 277 StreetCity, State, Zip: Parker SD 57053

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Clay, yellow brn, silty pebbly (till)	0	32
Clay, gray, silty, pebbly (till)	32	48
Sand, coarse, clayey	48	50
gravel, med, v sandy	50	72

STATIC WATER LEVEL 57.0 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:☐ Bailed☐ Other

Pumping Level Below Land Surface

68.0 Ft. After 10.0 Hrs. pumped 425.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 385.0 GPM

REMARKS

RECEIVED

FEB - 1 2013

WATER RIGHTS
PROGRAMThis well was drilled under license # 666 and this
report is true and accurate.Drilling firm: Hammond Wetmore Drilling

Signature of License Representative:

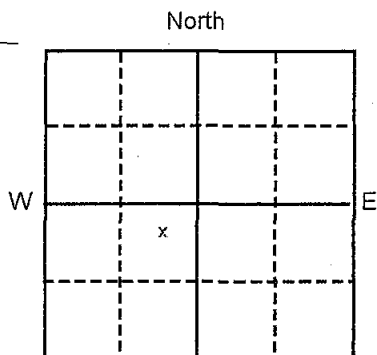
Signature of Well Owner or Equitable Property Holder:

Date: 9/17/2012

7294-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location ne 1/4 sw 1/4 Sec 20 Twp 99n Rg 53wCounty turnerPlease mark well
location with an "X"

Well Completion Date

11/2/12

1 Mile

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

2,500.0 ft. from septic tank (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

bucket

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	<u>16.00</u> IN	<u>0.0</u> FT	<u>34.0</u> FT	<u>24.00</u> IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>bent grt</u>	<u>12</u>	<u>9.5</u> Lb/gal	<u>0.0</u> Ft	<u>25.0</u> Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
tremie

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16.00 Inches Length 10.0 FeetMaterial pvcSlot Size .060 Set From 34.0 Feet to 44.0 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 analysisWell Owner: Larry Schmidt

Business Name:

Address: 44819 277th StreetCity, State, Zip: Parker SD 57053

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Silt, Yellow brown, sandy	0	10
Sand, fine, silty	10	30
Sand, reddish, coarse	30	42
clay, gray, silty, pebbly till	42	60

STATIC WATER LEVEL 24.0 FEETIf flowing: closed in pressure _____ PSI
GPM flow _____ through _____ Inch pipeControlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: 3 hours of surge block development,
☐ Bailed
☐ Other

Pumping Level Below Land Surface

40.0 Ft. After 2.0 Hrs. pumped 50.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

RECEIVED

FEB - 1 2013

WATER RIGHTS
PROGRAMThis well was drilled under license # 666 and this
report is true and accurate.Drilling firm: Hammond-Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 12-12-12

3550-3, 7151-3, 7173-3,
7294-3, 7311-3, 7312-3
7438-3

**Water Rights Program
File Documentation**

File: Water Right/Permit Nos. 3550-3, 7151-3, 7173-3, 7294-3, 7311-3, 7312-3, & 7438-3

Date: 2024 June 21

County: Turner

RE: Aquifer designation

COMMENTS:

Water Right No. 3550-3 was advertised as appropriating water from "groundwater" and designated to belong to the Vermillion West Fork aquifer when the Water Rights Program named aquifers [1]. Water Permit Nos. 7151-3, 7173-3, 7294-3, 7311-3, 7312-3, and 7438-3 were advertised as appropriating water from the Vermillion West Fork aquifer [1]. In her review for Water Permit No. 8742-3, Kilts [2] delineated the Parker-Centerville aquifer based on best information available and this delineation included the above-mentioned permit numbers. Subsequently, the Water Rights Program is administratively changing the aquifer designation for the above water right permit numbers to the Parker-Centerville aquifer. This change of aquifer designation, to the Parker-Centerville aquifer, does not represent a physical change in the water source. It is an update to the name of the aquifer materials to reflect the currently best available information for aquifer extents. This update to the aquifer name does not authorize any increase in the amount of water appropriated by these water right permit numbers, relocation of existing wells, or completion of additional wells into the aquifer. Going forward, issuance of any pertinent documents will reflect the updated aquifer designation.



Kim Drennon
Natural Resources Engineer



Eric Gronlund
Chief Engineer

References

- [1] Water Rights Program, "Water Right Permit Files," SD DANR, Joe Foss Bldg., Pierre, South Dakota, 2024.
- [2] W. Kilts, "Report to the Chief Engineer on Water Permit Application No. 8742-3," SD DANR Water Rights Program, Joe Foss Bldg., Pierre, South Dakota, 2023.

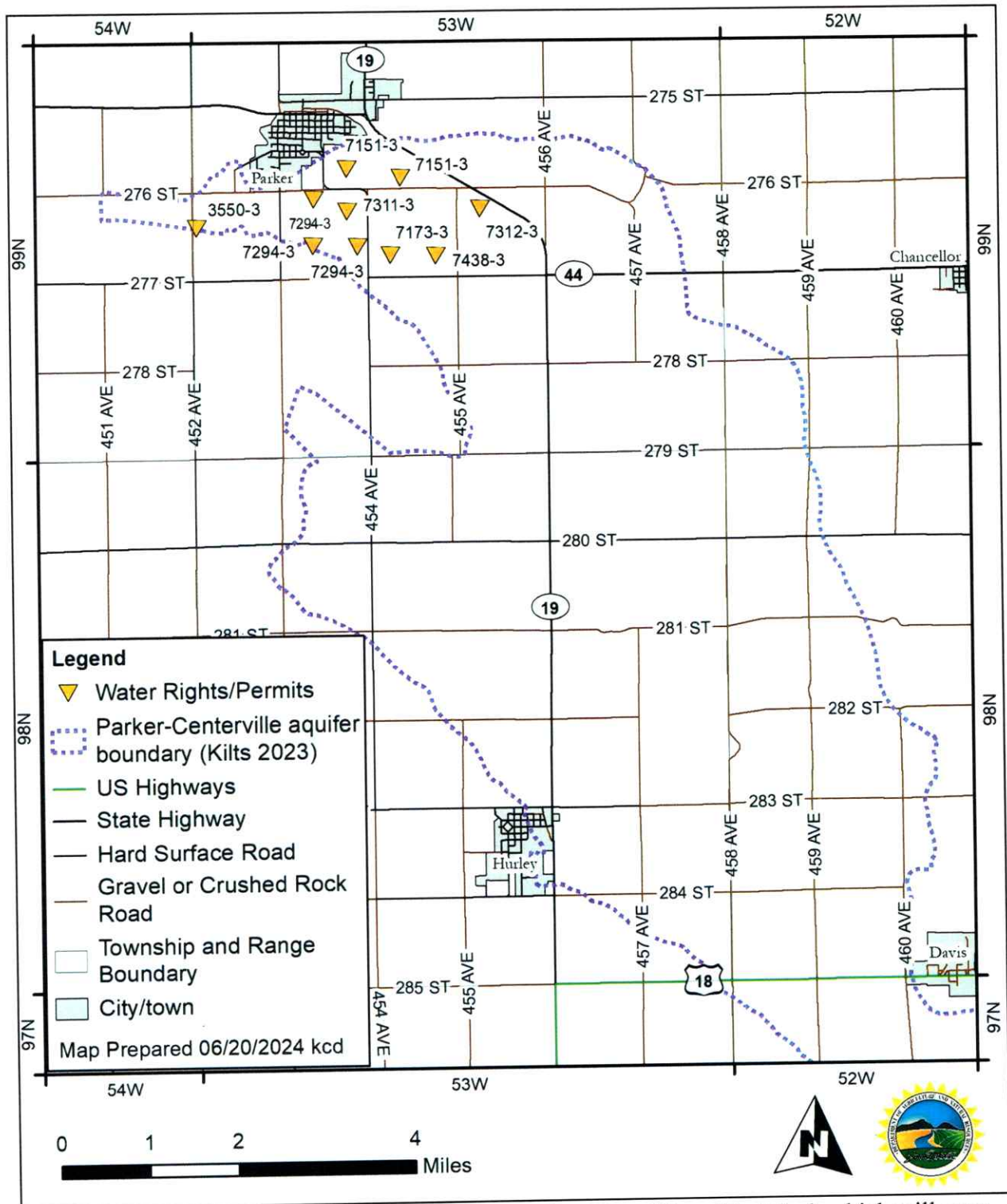


Figure 1: Water right permits previously categorized as Vermillion: West Fork which will now be categorized as Parker-Centerville.

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 7294-3

I have this day, October 23, 2024, made a thorough examination of the water use system constructed by Larry L Schmidt 44819 277th St, Parker, SD 57053 of Permit No. 7294-3, bearing the priority of December 19, 2011 authorizing the diversion of 4.0 cu. ft. per second of the waters of the Parker Centerville Aquifer for irrigation purposes, in Turner County.

A. Works used to divert the water:

Well Information: (SEE SECTION F)

- 1) Well Drilling Firm: Hammond-Wetmore Drilling
- 2) No. of Wells 3
- 3) Depth(s) #1 - 72, #2 - Unknown, #3 - 75 feet
- 4) Well log is available Y

Casing:

- 1) Diameter 16 inches
- 2) Length #1 - 52, #2 - Unknown, #3 - 45 feet
- 3) Type Plastic

Screen:

- 1) Type PVC
- 2) Length #1 - 20, #2 - Unknown, #3 - 30 feet
- 3) Static water level #1 - 57, #2 - Unknown, #3 - 43 feet

Pump:

- 1) Make Submersibles
- 2) Model Unknown
- 3) Size Unknown
- 4) Capacity 1500 total GPM

Motor:

- 1) Make Unknown
- 2) Model No. Unknown
- 3) Horsepower rating Unknown hp

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

- 1) Type PVC
- 2) Size 6 & 8 inches
- 3) Length See Comments feet

Comments: 1900 ft, 6-inch line to NW pivot (Well 1), 1800, 8-inch line to SE pivot (Wells 2 & 3), 4500 ft, 8-in line to SW pivot (Well 1)

C. Works used to apply water to beneficial use:

Center pivot:

- 1) Make 3 - Zimmatics
- 2) Overall length 1300 feet
- 3) Number of towers 7
- 4) End gun Y
- 5) Capacity 1500 total GPM

Chemigation Equipment:

- 1) Does chemigate N

D. 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

E. Condition and Location:

1. The system is in good condition with the point(s) of diversion located as follows: WELL LOCATIONS
From the NE corner Sec 20 T99N R53W
WELL #1: 50 ft S & 2,630 ft W, (Lat 43.38670 Long -97.13207) (NE ¼ NW ¼)
WELL #2: 2630 ft S & 400 ft W, (Lat 43.38010 Long -97.12437) (NE ¼ SE ¼)
WELL #3: 2,630 ft S & 70 ft W, (Lat 43.38009 Long -97.12267) (NE 1/4 SE ¼).
2. The works are capable of diverting and conveying to the place of use 3.34 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:
- 3.

Legal Description/Acreage
Section 20, T99N, R53W

NE ¼ NW ¼ - 32 acres	NE ¼ SW ¼ - 29 acres	NE ¼ SE ¼ - 32 acres
NW ¼ NW ¼ - 20 acres	NW ¼ SW ¼ - 29 acres	NW ¼ SE ¼ - 33 acres
SW ¼ NW ¼ - 32 acres	SW ¼ SW ¼ - 29 acres	SW ¼ SE ¼ - 31 acres
SE ¼ NW ¼ - 33 acres	SE ¼ SW ¼ - 29 acres	SE ¼ SE ¼ - 29 acres

comprising a total of 358 acres of land and the license should be issued for 3.34 cfs

4. All structures, wells and lands on map Y

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

FSA maps and the ArcGIS program were used to construct the attached well location and irrigated area map which was used to estimate irrigated acreage.

The flow rate reported on the 2023 Irrigation Questionnaire was used to establish the system flow capacity. Do not know the flow rating for each individual center pivot.

Well #2 location was moved from the NE $\frac{1}{4}$ SW $\frac{1}{4}$ to the NE $\frac{1}{4}$ SE $\frac{1}{4}$, 260 feet west of Well #3. Do not know the details of the well except that it appears to be a newly constructed well within the past year or two. There is a 2020 test hole log for the new location in the DANR well completion data set.

The address in the permit application is current.

I talked to Mr. Larry Schmidt (605/351-4955) on the phone regarding Permit details.

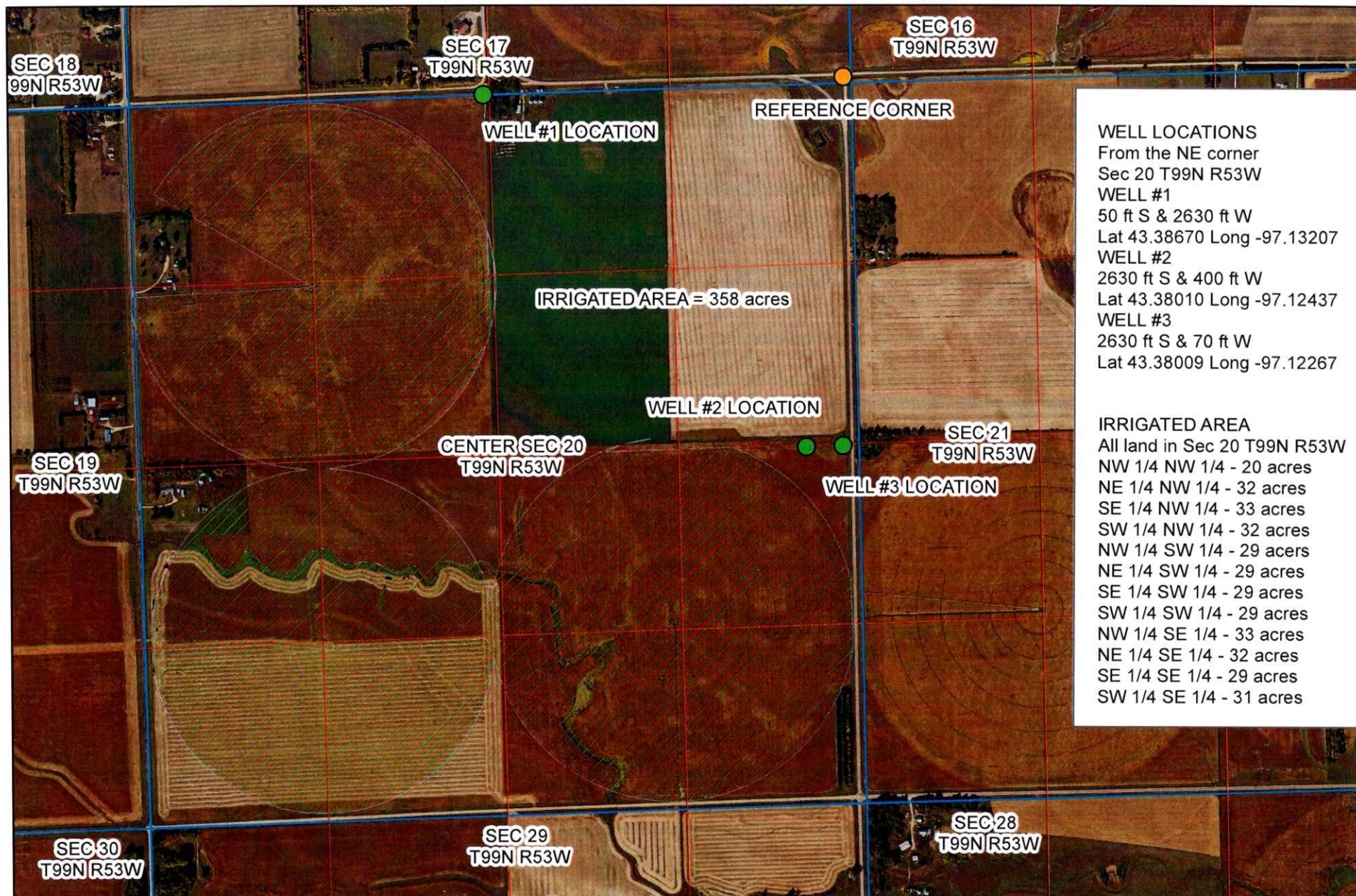


Darrell DeBoer
Water Rights Inspector
DENR, Water Rights Program

Date report completed: October 25, 2024

I called Larry 4/9/25 to confirm the pivots only operated on 3 wells since there are 4 well completion reports on file. He confirmed there are only 3 wells but was not sure which well completion report didn't belong. (AD)

No. 7294-3



WELL LOCATIONS

From the NE corner

Sec 20 T99N R53W

WELL #1

50 ft S & 2630 ft W

Lat 43.38670 Long -97.13207

WELL #2

2630 ft S & 400 ft W

Lat 43.38010 Long -97.12437

WELL #3

2630 ft S & 70 ft W

Lat 43.38009 Long -97.12267

IRRIGATED AREA

All land in Sec 20 T99N R53W

NW 1/4 NW 1/4 - 20 acres

NE 1/4 NW 1/4 - 32 acres

SE 1/4 NW 1/4 - 33 acres

SW 1/4 NW 1/4 - 32 acres

NW 1/4 SW 1/4 - 29 acres

NE 1/4 SW 1/4 - 29 acres

SE 1/4 SW 1/4 - 29 acres

NW 1/4 SE 1/4 - 33 acres

NE 1/4 SE 1/4 - 32 acres

SE 1/4 SE 1/4 - 29 acres

SW 1/4 SE 1/4 - 31 acres



0 800 1,600 3,200 4,800 6,400 Feet

Darrell DeBoer
Water Right Inspector
DANR-Water Rights Program



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

APR 09 2025

Larry L Schmidt
44819 277th St
Parker, SD 57053

No. 7294-3

Dear Mr. Schmidt:

Enclosed is Water License No. 7294-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, 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.

So long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Mark Mayer, PE
Director of Office of Water
(605) 773-3352

Note: While the original permit was issued for appropriations from the Vermillion: West Fork Aquifer, the aquifer designation has been changed to the Parker Centerville Aquifer, based on the best information available. Redesignation of the appropriated aquifer does not represent a physical change in water source.

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 7294-3**

(1) Larry L Schmidt, 44819 277th St, Parker, SD 57053, made Application No. 7294-3, December 19, 2011, for a water permit to divert 4.0 cubic feet of water per second from groundwater, four wells (Parker Centerville Aquifer), Turner County, South Dakota for irrigation purposes. Permit No. 7294-3, with a priority date of December 19, 2011, was approved February 27, 2012, and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before February 27, 2017, and for the application to beneficial use of water on or before February 21, 2021.

(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 3.34 cubic feet of water per second for beneficial use. The locations of the diversion points are:

Well #1 - 50 feet S and 2,630 feet W from the NE corner of Section 20, T99N, R53W (NE $\frac{1}{4}$ NW $\frac{1}{4}$)
(Latitude 43.38670 and Longitude -97.13207)

Well #2 - 2,630 feet S and 400 feet W from the NE corner of Section 20, T99N, R53W (NE $\frac{1}{4}$ SE $\frac{1}{4}$)
(Latitude 43.38010 and Longitude -97.12437)

Well #3 - 2,630 feet S and 70 feet W from the NE corner of Section 20, T99N, R53W (NE $\frac{1}{4}$ SE $\frac{1}{4}$)
(Latitude 43.38009 and Longitude -97.12267)

(3) The amount of 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 – September 30.

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

Section 20, T99N, R53W

NE $\frac{1}{4}$ NW $\frac{1}{4}$ - 32 acres	NE $\frac{1}{4}$ SW $\frac{1}{4}$ - 29 acres	NE $\frac{1}{4}$ SE $\frac{1}{4}$ - 32 acres
NW $\frac{1}{4}$ NW $\frac{1}{4}$ - 20 acres	NW $\frac{1}{4}$ SW $\frac{1}{4}$ - 29 acres	NW $\frac{1}{4}$ SE $\frac{1}{4}$ - 33 acres
SW $\frac{1}{4}$ NW $\frac{1}{4}$ - 32 acres	SW $\frac{1}{4}$ SW $\frac{1}{4}$ - 29 acres	SW $\frac{1}{4}$ SE $\frac{1}{4}$ - 31 acres
SE $\frac{1}{4}$ NW $\frac{1}{4}$ - 33 acres	SE $\frac{1}{4}$ SW $\frac{1}{4}$ - 29 acres	SE $\frac{1}{4}$ SE $\frac{1}{4}$ - 29 acres

Total – 358 acres

(5) Pursuant to South Dakota Water Law 46-5-30.1 Larry L Schmidt, the holder and/or owner of Water Right No. 7294-3 is issued a license to appropriate water, the right to use 3.34 cubic feet of water per second from groundwater, three wells (Parker Centerville Aquifer), with a priority date of December 19, 2011, from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 7294-3 and subject to the following qualifications:

continued

Qualifications

1. The wells 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 wells authorized by Permit No. 7294-3 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 wells were drilled in 2011 and 2012 by Pullman Well Drilling Inc and Hammond Wetmore Drilling LLC. Copies of the well completion reports are on file with the Water Rights Program.)*
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



Mark Mayer, PE
Director of Office of Water



date

