

WATER PERMIT NO. 6907-3

Name of Applicant: **Jeff L Grabow**

Address: **45451 157th St, South Shore SD 57263**

Phone: **605 882-2249**

Amount of Water Claimed: **2.0** Total Acres: **440**
4.0

Source of Water Supply: **groundwater (two wells)**

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

Type of Waste Disposal System:

Location: **11 miles west of South Shore**

PRIORITY Date Received: **10-11-2007**

Application/License Fee: **\$425**

Corrected Application Received: **10-18-2007**

Period of Annual Use: **May 1 – September 30**

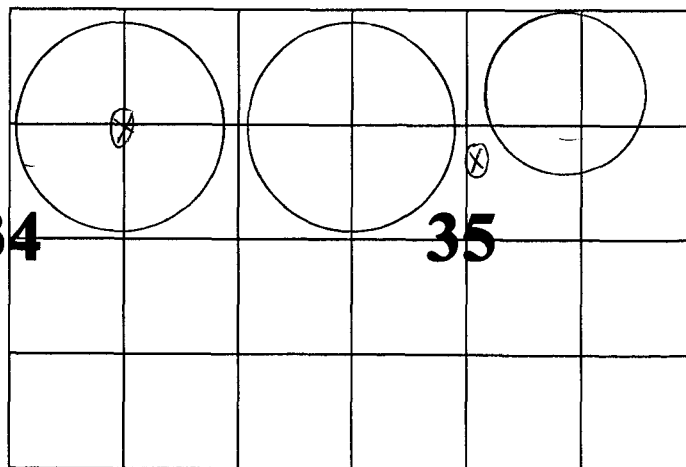
Remarks:

Diversion Point: **center of NE ¼ Sec 34 and SW ¼**

NE ¼ Sec 35; all in T120N-R52W

Land to be Irrigated: **NE ¼ Sec 34, NW ¼, NE ¼**

Sec 34; all in T120N-R52W



Depth of Well: **140 feet deep**

Well Driller:

Remarks:

Type of Map: **aerial**

Prepared by: **Sarah Wanner, CO Co FSA**

Reviewed and the Number Assigned on: **10-18-07**

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>6907-3</u> (office use only) Hydrologic Unit <u>10170202</u>
	Basin <u>Sioux River</u>
	Newspaper <u>South Shore Dayette</u> <u>PO Box 96</u> <u>605-756-4200 (Thurs)</u> <u>57263</u>

RECEIVED

OCT 11 2007

WATER RIGHTS
PROGRAM

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 Jeff L. Grabow Phone 605-882-2249

(check one) ☐ Owner ☒ Tenant/lessee
Mailing Address 45451 157th St South Shore State SD 57263
(Street, RR, or Box and City) (Zip Code)

2. Amount of water claimed 4.00 (Street, RR, or Box and City) 1800
2 *CFS or 896 **GPM ***AF Total Acreage 440
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply ground water

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Codington
2 wells 1 well NE 1/4 - 34-120-52R 1 well NE 1/4 - 35-120-52R or
Center SW 1/4 NW 1/4 35-120-52R

5. County or counties where water will be used Codington

6. Annual period during which water is to be used May - September

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
NW 1/4 - NE 1/4 34-120-52R	40	NW 1/4 NW 1/4 35-120-52R	40
NE 1/4 - NE 1/4 34-120-52R	40	NE 1/4 NW 1/4 35-120-52R	40
SW 1/4 - NE 1/4 34-120-52R	40	SW 1/4 NW 1/4 35-120-52R	40
SE 1/4 - NE 1/4 34-120-52R	40	SE 1/4 NW 1/4 35-120-52R	40

See
attached
sheet

8. Give a description of the project. (Attach sheet if more space is needed)
I plan to irrigate 3 different quarters with water coming from 2 wells. To irrigate crops May-September.

STATE OF SOUTH DAKOTA) SS
County of CODINGTON

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, Jeff L. Grabow, 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 Jeff L. Grabow

Subscribed and sworn to before me this 9th day of October 20 07

2-2007

My Commission Expires 9-16-09

Veronica J. Goens
Notary Public signature

Land descriptionacres

NW ¹ / ₄	NE ¹ / ₄	35-120-52 R	40
NE ¹ / ₄	NE ¹ / ₄	35-120-52 R	40
SW ¹ / ₄	NE ¹ / ₄	35-120-52 R	40 20
SE ¹ / ₄	NE ¹ / ₄	"	40 20

**SOUTH DAKOTA
WATER PERMIT NO. 6907-3**

Date of first receipt of application October 11, 2007.

Date of return to applicant for corrections, amendments or changes October 11, 2007.

Date of receipt of corrected application October 18, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6907-3 to Jeff L Grabow, 45451 157th St, South Shore SD 57263 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. 6907-3 appropriates 4.0 cubic feet of water per second from two wells to be completed into the Prairie Choteau Aquifer (approximately 140 feet deep) located in center of the NE ¼ Section 34 and SW ¼ NE ¼ Section 35 to irrigate 440 acres located in portions of the NE ¼ Section 34 and N ½ Section 35; all in T120N-R52W within the former boundaries of the Sisseton Wahpeton Indian Reservation. The well in section 35 will also be used to irrigate lands currently pending under Water Permit No. 6906-3 held by Tim Grabow.
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 October 11, 2007.
4. The date of approval of Permit No. 6907-3 is November 26, 2007.
5. One-fifth of the construction is to be completed on or before May 26, 2010.
6. All construction is to be completed on or before November 26, 2012.
7. Water is to be put to beneficial use on or before November 26, 2016.
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 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. 6907-3 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

DEC 18 2007

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:

On applicants property _____

On property owned by others _____

1/3 mile

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 _____

Water Surface



well history in
surrounding area

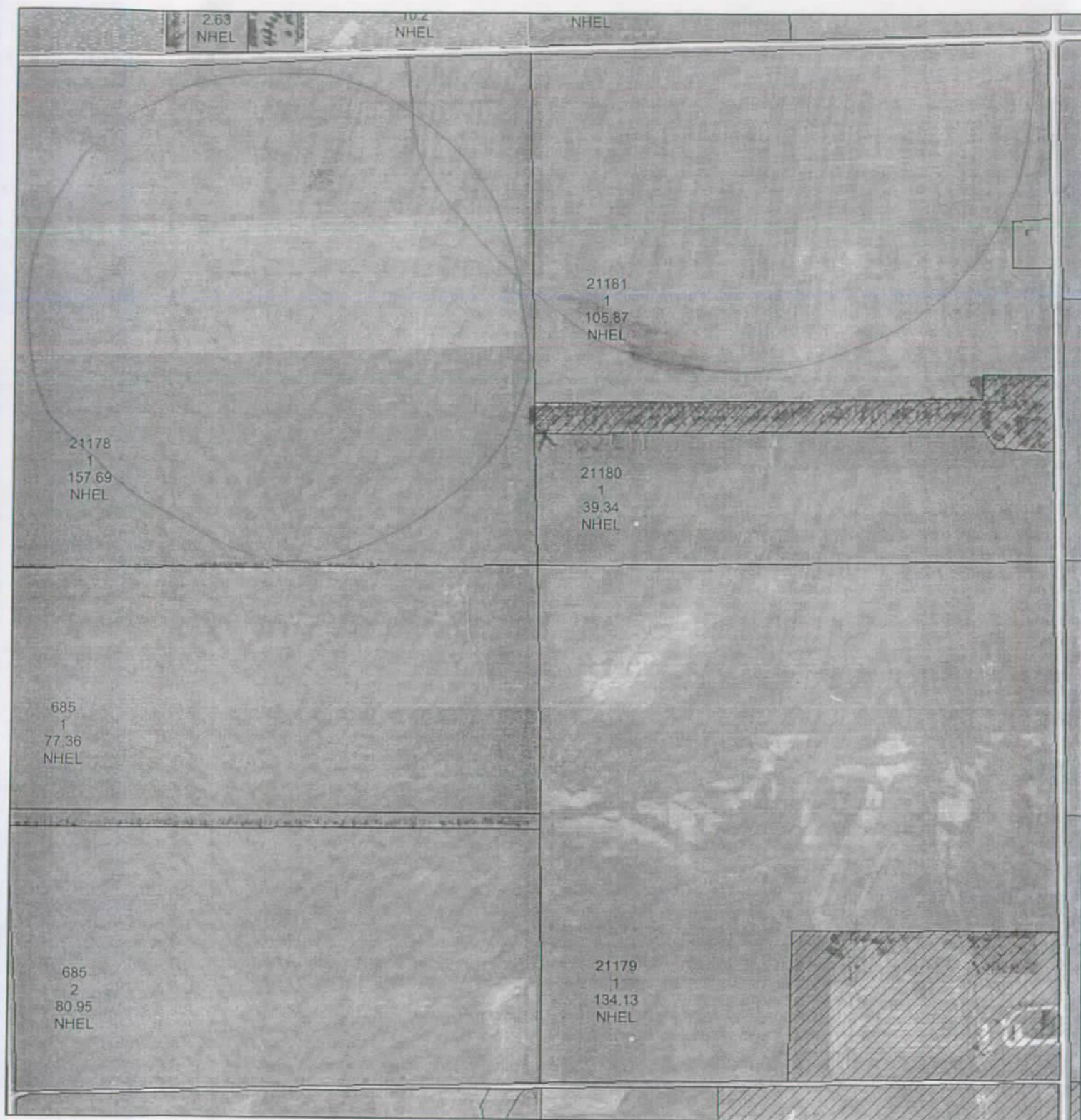
Mike Meyer NW 1/4 34-120-52R
Falk Farms NE 1/4 27-120-52R

ty _____

ent _____

re Feet

Acres



USDA - Farm Service Agency

Codrington County



Sarah Wanner

PT for

Codrington County FSA

35-120R-52R

1:7,910

May 17, 2007

Legend

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

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions



USDA FSA maps are for FSA Program administration only. There is no guarantee or representation to the user as to the accuracy, currency, suitability or reliability. FSA MAPS DO NOT REPRESENT A LEGAL SURVEY. The user accepts the data "as is" and assumes all risks associated with its use. Wetland points reflect records available with NRCS and may or may not constitute a full inventory of the property. 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. Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 10/18, 2007

RECEIVED OF Jeff Grabow 45451 157th St South Shore SD 57263

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

Fee for Application for Permit No. <u>16907-3</u> to Appropriate Water, to construct and to put water to beneficial use	375	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>16907-3</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	425 00

No.

03185

By

Gaetan Truade

Chief Engineer

27



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

RECEIVED

OCT 18 2007

WATER RIGHTS
PROGRAM

October 11, 2007

Jeff L Grabow
45451 157th St
South Shore SD 57263

Dear Mr. Grabow:

Thank you for submitting the *Application for a Permit to Appropriate Water* for irrigation. In order to complete the application the following is required.

- Enclosed is the Form 2A, Supplemental Information. Please complete Item No. 1 regarding the Well Information – Proposed Construction. At the very least, we need to know the proposed depth of the new wells.
- If available, please submit a well log or test hole log signed by a licensed South Dakota well driller.
- After reviewing the application submitted by Tim Grabow, are you proposing to use the same well for your project and his? The well location as marked on the maps appears to be in the same spot. *yes we will share the well*
- The lands outlined on the aerial photo map, do not match up with the legal descriptions as identified on Item No. 7 of the application. Regarding the acreage in the NE ¼ Section 35, it appears that a small portion of the SE ¼ NE ¼ will also be irrigated. Do you agree?
- Also the application/license filing fee to irrigate 440 acres is \$425.00. Enclosed is your check for \$308.25. Please submit the correct fee.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

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

enclosure

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit Application No. 6907-3, Jeff Grabow and
Water Permit Application No. 6906-3, Tim Grabow

ADDRESS: COUNTY: Codington County

DATE: October 25, 2007 TELEPHONE: 882-2249 (Jeff Grabow)

RE: Discussion of which application holds priority

COMMENTS:

I contacted Jeff Grabow regarding his application and the application filed by his son. I said that the Water Rights Program needed to know which application should take priority in the event the land was sold to another party as some time in the future. This may become important because the applications plans to share a common well for the irrigation of separate parcels the E ½ of Section 35. If land ownership ever changes priority to the water from the shared well will be an issue

Mr. Grabow stated that the land under his application in the NE ¼ of Section 35 should take priority. This will require the diversion rate authority for the shared well to also be included under Jeff Grabow's application.

NAME: Eric Brinkley



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6907-3, Jeff L. Grabow**

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. 6907-3, Jeff L. Grabow, 45451 157th Street, South Shore SD 57263.

The Chief Engineer is recommending APPROVAL of Application No. 6907-3 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 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. 6907-3 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
October 29, 2007

NOTE: The well in the NE ¼ of Section 35 will also be used to irrigate the acreage under Application No. 6906-3 filed by Tim Grabow. If approved, Permit No. 6907-3 will be given senior priority to this Permit No. 6906-3.

REPORT ON WATER PERMIT APPLICATION NO. 6907-3

For Jeff L. Grabow

October 24, 2007

Application No. 6907-3 proposes to appropriate 4.0 cfs (1,800 gpm) from two wells approximately 140 feet deep located in the center of the NE $\frac{1}{4}$ of section 34 and the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of section 35 to irrigate 440 acres located in the NE $\frac{1}{4}$ of section 34 and the N $\frac{1}{2}$ of section 35; all in T120 N R52W in Codington County and within the former boundaries of the Sisseton Wahpeton Indian Reservation.

AQUIFER – PRAIRIE COTEAU (PCO)

The Prairie Coteau is a buried outwash (sand and gravel) that is under artesian conditions in this area. The aquifer is relatively thin and significant drawdown does occur from existing irrigation wells in the area. The aquifer underlies 760 square miles and contains an estimated 1.5 million acre-feet of recoverable water in storage in Grant and Codington County (Hansen, 1990). There are free flowing wells just to the south and west of this site both irrigation and domestic from the Prairie Coteau aquifer. The applicant has not drilled holes and site specific geologic information is not available. The nearest test well drilled to this site is CD-76-1, drilled by Empire Drilling for Water Rights in June of 1976. The log indicates that no sand and gravel (no aquifer) was encountered to a total depth of 160 feet. This test was for an observation wells (the observation well ended up being constructed one-half mile to the west) and located near the NW corner of section 35, T120N R52W RES. Without adequate test drilling it will be impossible to determine the “best well locations” for obtaining water from the Prairie Coteau aquifer.

The Water Rights Program monitors three observation wells completed into the Prairie Coteau aquifer within three miles of this application. These are CD-76D (located about one-quarter mile north of this application), GT-76B (located about two miles north of this application) and CD-76A (located about three miles south of this application). Water levels for these wells show good response to climatic conditions and to pumping. The amount of annual fluctuation due to pumping can exceed 55 feet in CD-76D, 55 feet in GT-76B, and 45 feet in CD-76A under existing conditions. Overall however, the water levels recover and do recharge. In fact, the hydrographs for these three observation wells indicate that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2007). Hydrographs for these observation wells are included with this report.

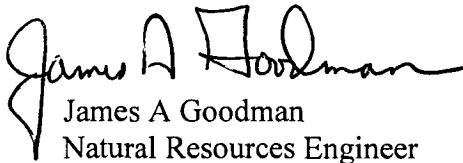
This area has been highly controversial in the past. There were many domestic wells completed into the Prairie Coteau aquifer that were affected by irrigation pumping. The most noticeable were the wells that were free flowing and would cease or diminish free flow during the irrigation season. In fact, the Water Management Board denied Water Permit application No. 5407-3 for public interest reasons in July of 1995. This application would have obtained water from the Prairie Coteau aquifer about two miles north of this application.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are two existing irrigation wells within two miles of this proposed well location. The well proposed by this application (in section 34) will be located about one-half mile east of existing irrigation well for Water Right No. 5807-3 and located about one mile west of the well proposed by Water Permit application No. 6906-3. Interference will occur. This is shown by the drawdown created in observation well CD-76D that is located directly between the two existing irrigation wells. Even though the magnitude of the drawdown will increase this is not expected to cause adverse effects. This can not be ascertained for certain until the production well is completed and used during an irrigation season. Also this will be dependent upon the aquifer thickness and distance from an existing well at the final location of the proposed well.

CONCLUSIONS

1. Water is available from the Prairie Coteau aquifer.
2. The aquifer is confined and under artesian conditions at this site. Interference will occur but is not expected to be adverse. Some pumps in domestic wells and irrigation wells may have to be lowered in order to maintain the amount of water needed.
3. This area has been very controversial in the past. Water Permit No. 5407-3 was denied by the Water Management Board (about two miles north of this application) for public interest reasons. The controversy concerned the amount of drawdown that occurred during the irrigation season and the fact that some free flowing wells ceased or diminished in flow.
4. The well(s) authorized by this application must be constructed in accordance with SD Well Construction Standards.
5. A well at this site may free flow at the land surface especially during wet years. This well must be controlled to prevent the waste of water.
6. This application No. 6906-3 and application No. 6907-3 came in on the same day. Both applications will use a common well. Application No. 6907-3 will be given priority over application No. 6906-3 at the request of the applicant and in order to settle potential disputes should that arise in the future.

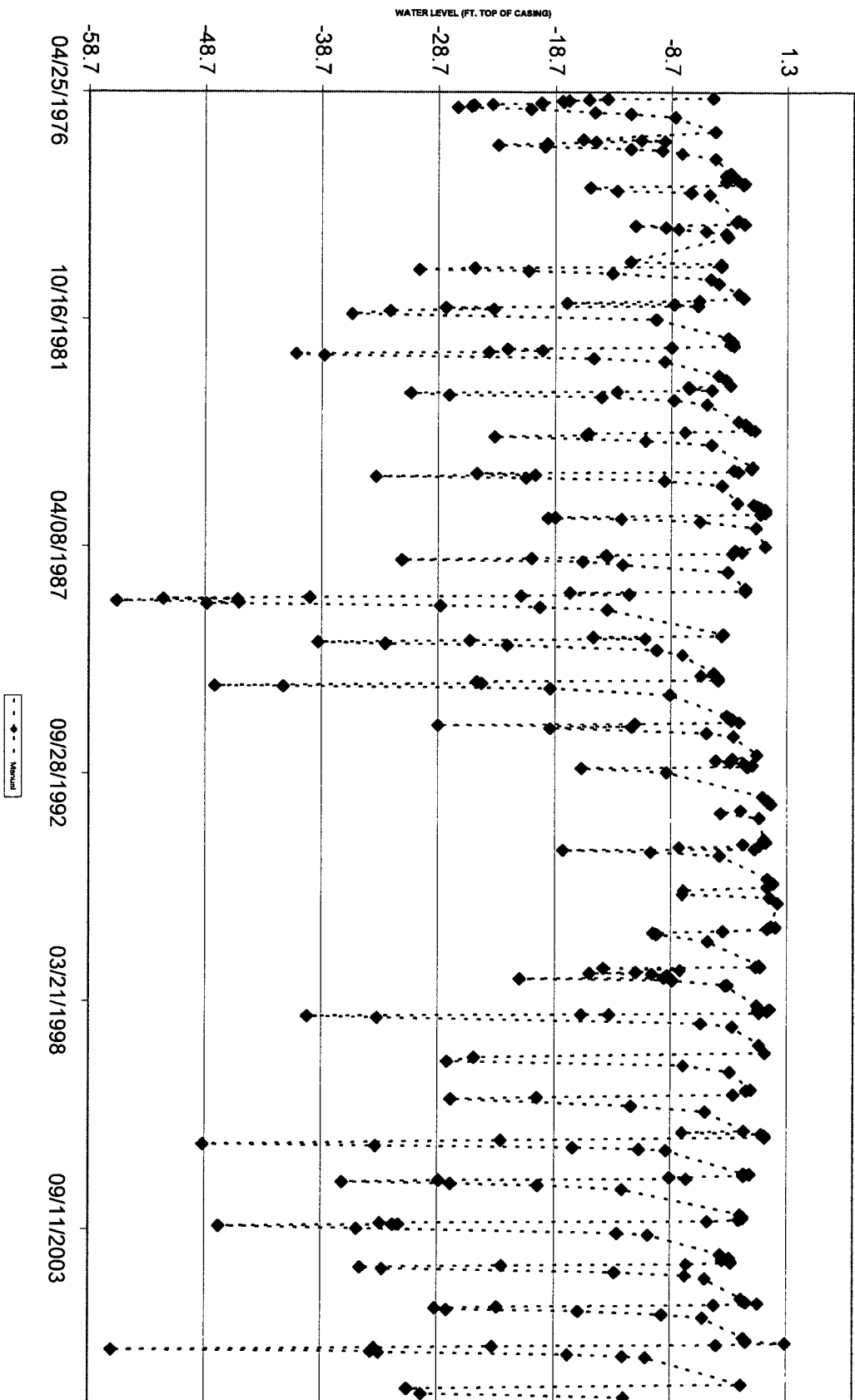


James A Goodman
Natural Resources Engineer

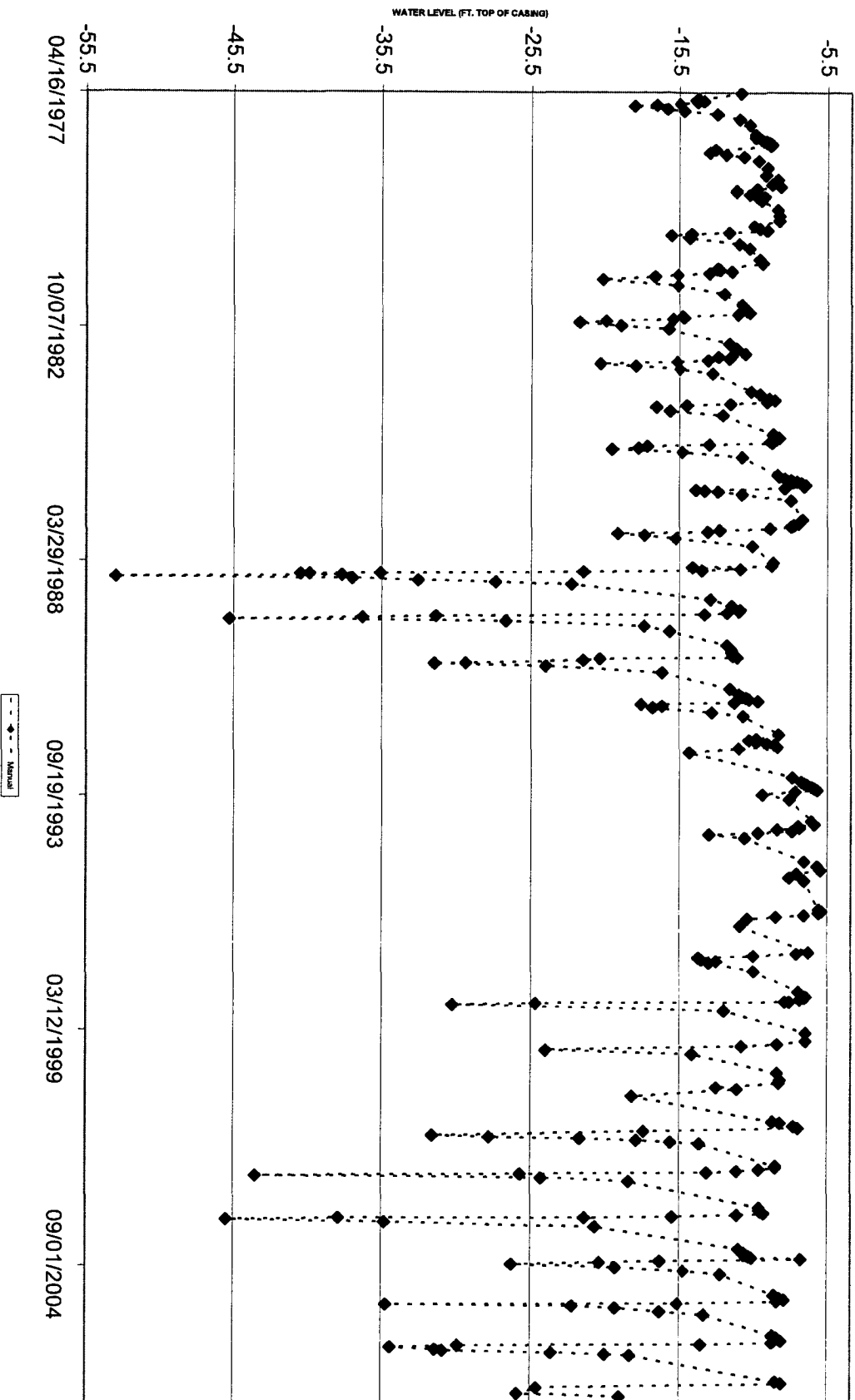
BIBLIOGRAPHY

- Hansen, D. S., 1990, Water Resources of Codington and Grant Counties, South Dakota, Water Resources Investigations Report 89-4147, USGS, Huron, SD, 57350.
- Water Rights, 2007, Unpublished Observation Well Data for Codington and Grant Counties, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

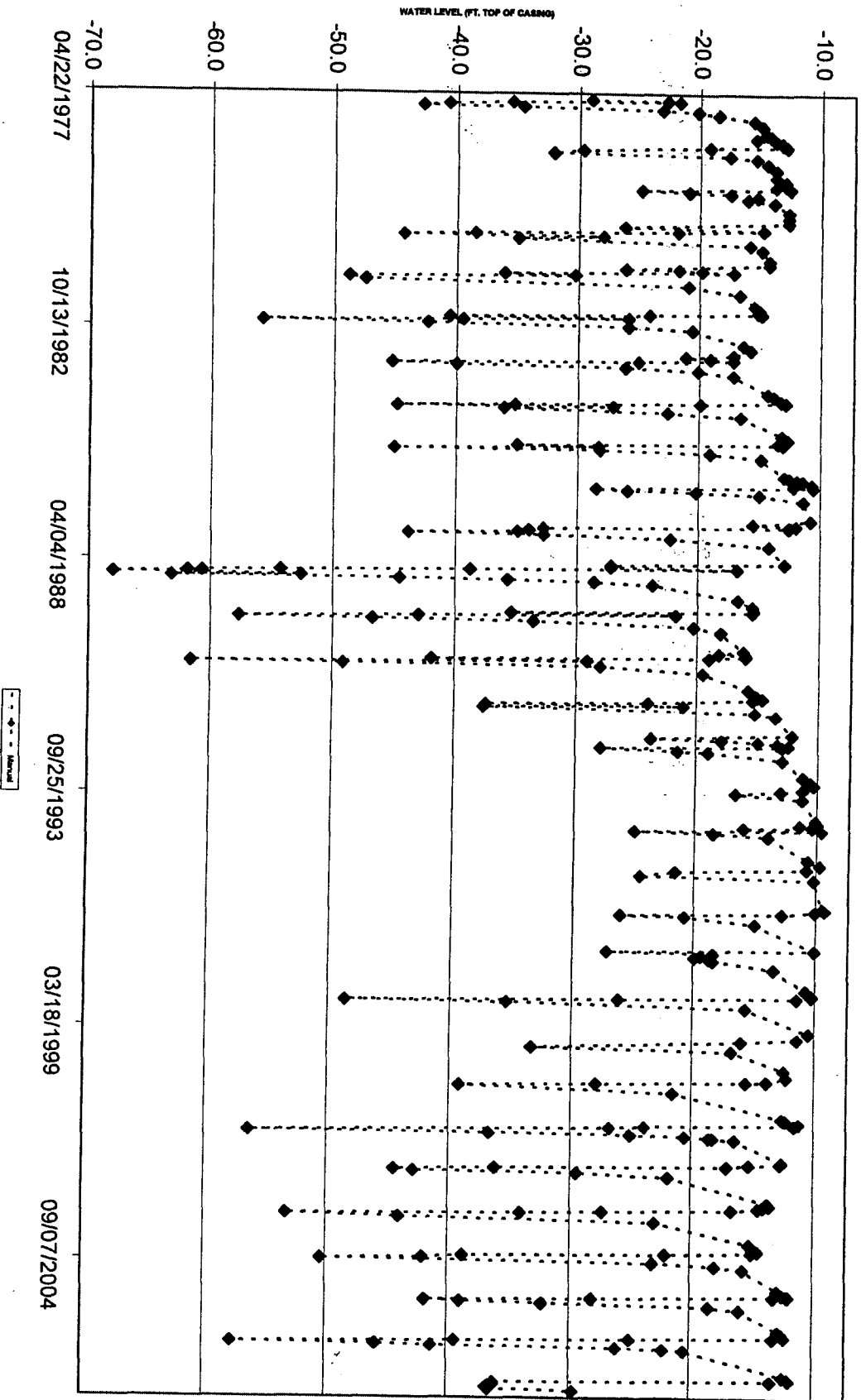
WATER RIGHTS' OBSERVATION WELL
CD-76D



WATER RIGHTS' OBSERVATION WELL CD-76A



WATER RIGHTS' OBSERVATION WELL
GT-76B



RECEIVED

NOV 16 2007

Form 8

WATER RIGHTS
PROGRAM

Thursday

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Codington) SS

I, Sherry E. Moore

certify that the attached printed Notice was taken

from the South Shore Gazette

printed and published in South Shore, SD.

County of Codington and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

Nov 8, 2007

Nov 15, 2007

Cost of Printing 45.30

Sherry E. Moore
(Signature)

Publisher / Editor
(Title)

Nov 15, 2007
(Date Signed)

NOTICE OF APPLICATION NO.
6907-3 to Appropriate Water

Notice is hereby given that Jeff L. Grabow, 45451 157th St, South Shore SD 57263 has filed an application for a water permit to to appropriate 4.0 cubic feet of water per second from two wells to be completed into the Prairie Choteau Aquifer (approximately 140 feet deep) located in center of the NE 1/4 Section 34 and SW 1/4 NE 1/4 Section 35 to irrigate 440 Acres located in portions of the NE 1/4 Section 34 and N1/2 Section 35; all in T120N-R52W. The well in section 35 will also be used to irrigate lands currently pending under Application No. 6906-3 filed by Tim Grabow.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6907-3 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 recommendations 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 applicants mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 26, 2007.

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.

(November 8 and 15, 2007)



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 29, 2007

South Shore Gazette
PO Box 96
South Shore SD 57263

ATTENTION: Legal Public Notice

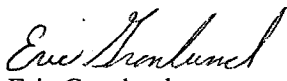
Enclosed is a Notice on Application No. 6907-3 to Appropriate Water to be published twice. Please publish the first notice on November 8, 2007 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 Jeff L Grabow, 45451 157th St, South Shore SD 57263 (Ph # 605-882-2249).

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. 6907-3

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

Date _____

We are in receipt of your letter of October 29, 2007 enclosing Notice to Appropriate Water by Application No. 6907-3 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.

October 29, 2007

Jeff L Grabow
45451 157th St
South Shore SD 57263

Dear Mr. Grabow:

Water Permit Application No. 6907-3 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 South Shore Gazette printed at South Shore SD (Ph # 605-756-4200). 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 is 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 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 November 8, 2007 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6907-3 to Appropriate Water

Notice is given that Jeff L Grabow, 45451 157th St, South Shore SD 57263 has filed an application for a water permit to appropriate 4.0 cubic feet of water per second from two wells to be completed into the Prairie Choteau Aquifer (approximately 140 feet deep) located in center of the NE ¼ Section 34 and SW ¼ NE ¼ Section 35 to irrigate 440 acres located in portions of the NE ¼ Section 34 and N ½ Section 35; all in T120N-R52W. The well in section 35 will also be used to irrigate lands currently pending under Application No. 6906-3 filed by Tim Grabow.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6907-3 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 recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 26, 2007.

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

DEC 18 2007

Jeff L Grabow
45451 157th St
South Shore SD 57263

Dear Mr. Grabow:

Enclosed is Water Permit No. 6907-3 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

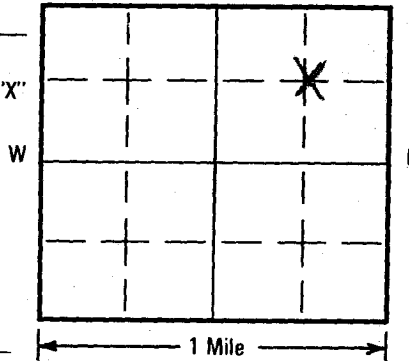
enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

6907-3
07-92

Location 1/4 NE 1/4 Sec 34 Twp 119N Rg 53W
County Codington

Please mark well location with an "X"



Well Completion Date

7-18-08

LOCATION:

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

PROPOSED USE:

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

METHOD OF DRILLING:

Direct Rotary

CASING DATA:

- ☐ Steel ☐ Plastic ☒ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>5.40</u> LB/FT	<u>12</u> IN	<u>2</u> FT	<u>118</u> FT	<u>18 3/4</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type Portland Cement No. of Sacks 75 Grout Weight 540 lb./gal From 2 ft. To 100 ft.
Describe grouting procedure Pressure pull method
Tremie 2" galv

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 12 IN Length 20 FEET
Material Stainless Steel
Slot Size 1000 Set From 118 Feet to 138 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: 1.7 TH Tablets

NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: Jeff Grabow

Business Name: _____

Address: 45451 157th St
South Shore SD 57263

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top Soil	0	2
Sandy clay	2	12
yellow sand dry	12	36
yellow clay	36	126
fine to med gravel	126	138

STATIC WATER LEVEL 2 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: sub
☐ Bailed
☐ Other

Pumping Level Below Land Surface

90 ft. After 12 Hrs. pumped 500 GPM
100 ft. After 24 Hrs. pumped 500 GPM

If pump installed, pump rate _____ GPM

REMARKS

RECEIVED
MAR - 9 2009
WATER RIGHTS PROGRAM

This well was drilled under license # 1689

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:

Lynae Grabow

Date: 3-6-09

RECEIVED

SEP 19 2011

WATER RIGHTS
PROGRAMNOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate 9-17-11TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181FROM: Jeff L Grabow
(name)
45451 157th St
(address)
South Shore, SD 57263 605-882-2249
(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.

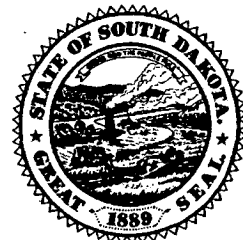
Water Permit No. 6907-3 states that the water use system is to be constructed by 11-26-12, and water is to be put to beneficial use by 11-26-16.
(date) (date)

The water use system was completed on 6-1-08.
(date)

Applying the water to beneficial use was completed on 8-15-08.
(date)

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

Jeff L. Grabow
(signature)





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

September 19, 2011

6907-3

Jeff L Grabow
45451 157th St
South Shore SD 57263

Dear Mr. Grabow:

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,

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

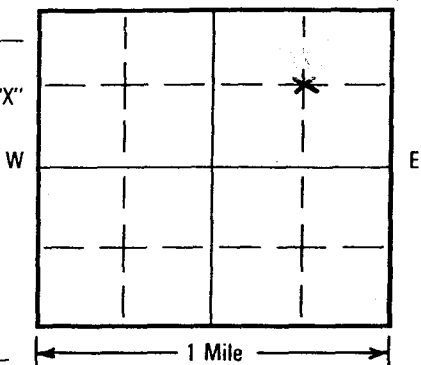
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 Sec 34 Twp 120 Rg 52

County
Coddington

Please mark well location with an "X"



Well-Completion Date

6-4-09

LOCATION:

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

PROPOSED USE:

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

METHOD OF DRILLING:

Forward Mud Rotary

CASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>49.56</u> LB/FT	<u>12</u> IN	<u>12</u> FT	<u>117</u> FT	<u>17 1/2</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Bentonite</u>	<u>10</u>	_____ lb./gal	_____ ft.	_____ ft.
		_____ lb./gal	<u>6.4</u> ft.	<u>30</u> ft.

Describe grouting procedure Pumped in

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 12 IN Length 14 FEET
 Material 5.5
 Slot Size 60 Set From 117 Feet to 131 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:

HTH

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis

Well Owner: Jeff Graybow

Business Name: 45451 157th St.

Address: South Shore, SD 57263

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Top Soil</u>	<u>6.4</u>	<u>1</u>
<u>Sand & Gravel</u>	<u>1</u>	<u>40</u>
<u>Clay</u>	<u>40</u>	<u>103</u>
<u>Hard Clay</u>	<u>103</u>	<u>117</u>
<u>Sand drilled good</u>	<u>117</u>	<u>131</u>
<u>Sandy clay</u>	<u>131</u>	<u>142</u>

STATIC WATER LEVEL 4.6 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? Yes

WELL TEST DATA:

- ☒ Pumped Describe: _____
☐ Bailed _____
☐ Other _____

Pumping Level Below Land Surface
98.10 ft. After 5 1/2 Hrs. pumped 979 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

RECEIVED

FEB 23 2012

WATER RIGHTS
PROGRAM

This well was drilled under license # 381

And this report is true and accurate.

Drilling firm L.T.P. Enterprises, Inc.

Signature of License Representative:

Randy Pullar

Signature of Well Owner or Equitable Property Holder:

Date: 2-14-12

**REISSUED
SOUTH DAKOTA
WATER PERMIT NO. 6907-3**

The Chief Engineer, on behalf of the Water Management Board, issued Water Permit No. 6907-3 to Jeff L Grabow, 45451 157th St, South Shore SD 57263 on December 18, 2007 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. 6907-3 appropriates 4.0 cubic feet of water per second from two wells to be completed into the Prairie Choteau Aquifer (approximately 140 feet deep) located in center of the NE $\frac{1}{4}$ Section 34 and SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 35 to irrigate 440 acres located in portions of the NE $\frac{1}{4}$ Section 34 and N $\frac{1}{2}$ Section 35; all in T120N-R52W within the former boundaries of the Sisseton Wahpeton Indian Reservation. The well in section 35 will also be used to irrigate lands currently authorized under Water Permit No. 6906-3 held by Tim Grabow.

Water Permit No. 6907-3 is being reissued to reflect diversion point changes which were noted at the time Water Permit No. 7305-3 was public noticed on March 8 and 15, 2012.

The well located near the center of the NE $\frac{1}{4}$ Section 34 is currently authorized by Water Permit No. 6907-3 for irrigation of the NE $\frac{1}{4}$ Section 34 and the N $\frac{1}{2}$ Section 35, T120N, R52W within the former boundaries of the Sisseton Wahpeton Indian Reservation. This reissued permit authorizes the additional well located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 34 to also irrigate the existing lands for Water Permit No. 6907-3.

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 October 11, 2007.
4. The date of approval of Permit No. 6907-3 is November 26, 2007.
5. One-fifth of the construction is to be completed on or before May 26, 2010.
6. All construction is to be completed on or before November 26, 2012.
7. Water is to be put to beneficial use on or before November 26, 2016.
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 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. 6907-3 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

APR 30 2012
date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

APR 30 2012

Jeff L Grabow
45451 157th St
South Shore SD 57263

Dear Mr. Grabow:

Enclosed is Reissued Water Permit No. 6907-3. The permit is being reissued to reflect diversion point changes which were noted at the time Water Permit No. 7305-3, Tim J Grabow was public noticed.

If you have any questions, please contact this office.

Sincerely,

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

enclosures



6907-3

DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

JUN 28 2023

Jeff Grabow
45451 157th St
South Shore SD 57263

6907-3
8077-3

Dear Mr. Grabow:

Enclosed are Water License Nos. 6907-3 & 8077-3. These are the final water right documents completing your process of obtaining Water Rights. Included with your licenses 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.

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

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

NOTE: The investigation into Water Right No. 8077-3 found your irrigation system is capable of diverting 1.56 cubic feet of water per second (cfs) (equivalent to 700 gpm). Water Right No. 8077-3 authorizes 1.04 cfs while the remaining 0.52 cfs is authorized under Water Right No. 8076-3.

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6907-3**

(1) Jeff Grabow, 45451 157th St, South Shore SD 57263, made Application No. 6907-3, October 11, 2007, for a water permit to divert 4.0 cubic feet of water per second from groundwater, two wells (Prairie Coteau Aquifer), Codington County, South Dakota for irrigation purposes. Permit No. 6907-3, with a priority date of October 11, 2007, was approved November 26, 2007, and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before November 26, 2007, and for the application to beneficial use of water on or before November 26, 2016.

An amendment was made in December 2007 for the addition of a third well located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 34, T120N, R52W. The priority date for all three wells authorized under Water Permit No. 6907-3 is October 11, 2007.

These wells also supply water for irrigation authorized under Water Right Nos. 6906-3 & 7305-3.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 3.33 cubic feet of water per second for beneficial use. The locations of the diversion points are: *(within the former boundaries of the Sisseton Wahpeton Indian Reservation)*

- Well #1: 740 ft S & 1,320 ft W of the NE corner of Section 34, T120N, R52W (NE $\frac{1}{4}$ NE $\frac{1}{4}$) (Latitude 45.13517 Longitude -97.14889)
- Well #2: 1,325 ft S & 1320 ft W of the NE corner of Section 34, T120N, R52W (SE $\frac{1}{4}$ NE $\frac{1}{4}$) (Latitude 45.133421 Longitude -97.14938) – *used to irrigate Right No. 7305-3 under Tim Grabow*
- Well #3: 2,650 ft S & 1,080 ft W of the NE corner of Section 35, T120N, R52W (SE $\frac{1}{4}$ NE $\frac{1}{4}$) (Latitude 45.12999 Longitude -97.12797) – *used to irrigate Right No. 6906-3 under Tim Grabow*

(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:

(within the former boundaries of the Sisseton Wahpeton Indian Reservation)

Section 34, T120N, R52W		Section 35, T120N, R52W	
NW $\frac{1}{4}$ NE $\frac{1}{4}$	35.0 acres	NW $\frac{1}{4}$ NW $\frac{1}{4}$	34.0 acres
NE $\frac{1}{4}$ NE $\frac{1}{4}$	35.0 acres	NE $\frac{1}{4}$ NW $\frac{1}{4}$	33.5 acres
SE $\frac{1}{4}$ NE $\frac{1}{4}$	34.0 acres	SE $\frac{1}{4}$ NW $\frac{1}{4}$	32.0 acres
SW $\frac{1}{4}$ NE $\frac{1}{4}$	34.5 acres	SW $\frac{1}{4}$ NW $\frac{1}{4}$	32.5 acres

TOTAL: 270.5 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Jeff Grabow, the holder and/or owner of Water Right No. 6907-3 is issued a license to appropriate water, the right to use 3.33 cubic feet of water per second from groundwater, three wells (Prairie Coteau Aquifer) with a priority date of October 11, 2007, 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. 6907-3 and subject to the following qualifications:

continued

Qualifications

1. The wells 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 under this water right shall control their 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.6907-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the 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 Water Right is approved subject to the irrigation water use questionnaire being submitted each year.

Eric Gronlund

Eric Gronlund, Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

JUN 28 2023

date



Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 6907-3

I have these days, May 8 & 10, 2023, made a thorough examination of the water use system constructed by Jeff Grabow 45451 157th Str, South Shore, SD 57263 of Permit No. 6907-3, bearing the priority of October 11, 2007 authorizing the diversion of 4.0 cu. ft. per second of the waters of the Prairie Coteau Aquifer for irrigation purposes, in Codington County.

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: L T. P. Enterprises
- 2) No. of Wells 3 – WELL #1, #2, #3
- 3) Depth(s) 131, 138, 138 feet
- 4) Well log is available Y If no, explain in comments

Casing:

- 1) Diameter 12, 12, 12 inches
- 2) Length 117, 118, 118 feet
- 3) Type Steel, PVC, Steel

Screen:

- 1) Type Stainless steel, SSteel, SSteel
- 2) Length 14, 20, 20 feet
- 3) Static water level 1.6, 2, 2 feet

Pump:

- 1) Make Submersible
- 2) Model Unknown
- 3) Size Unknown
- 4) Capacity 500 (pumping from well#1) 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 Buried PVC pipe 2) Size 8 inches 3) Length feet

Comments: Well supplies water to two (2) pivots: 600 ft to the NE pivot in Sec 34 and 2700 ft to the NW pivot in Sec 35

C. Works used to apply water to beneficial use:

Center pivot:

- 1) Make 2 - Zimmatics
2) Overall length 1300 feet
3) Number of towers 7
4) End gun Y
5) Capacity 500 (pumping from well #1) 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 LOCATION**
From the NE corner Sec 34 T120N R52W WELL #1: 740 ft S & 1,320 ft W, Lat 45.13517 Long -
97.14889 (NE ¼ NE ¼)

2. The works are capable of diverting and conveying to the place of use 1.11 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:

legal description/acreage
All land in Sec 34 T120N R52W
NW ¼ NE ¼ – 35.0 acres
NE ¼ NE ¼ – 35.0 acres
SE ¼ NE ¼ – 34.0 acres
SW ¼ NE ¼ – 34.5 acres

legal description/acreage
All land in Sec 35 T120N R52W
NW ¼ NW ¼ – 34.0 acres
NE ¼ NW ¼ – 33.5 acres
SE ¼ NW ¼ – 32.0 acres
SW ¼ NW ¼ – 32.5 acres

comprising a total of 270.5 acres of land and the license should be issued for 1.11 cfs

3. All structures, wells and lands on map Y

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

The irrigated acreage was determined with the aid of FSA imagery and ArcMAPS software.

The pump rate reported in a recent Irrigation Questionnaire was used to establish the system flow capacity.

The mailing address in the permit materials is current but the contact phone number should 605/880-5389.

I talked to Tim (son) during a field visit and with Jeff (Dad) via telephone.



Darrell W DeBoer
Water Rights Inspector
DANR, Water Rights Program

Date report completed: May 11, 2023

NOTE: Well #1 is irrigating the acres under 6907-3
Well #2 is irrigating the acres under 7305-3
Well #3 is irrigation the acres under 6906-3

