

WATER PERMIT NO. 6969-3

Name of Applicant: Roger Blake

Address: 46362 295th St, Centerville SD 57014 Phone: 605 563-2101

Amount of Water Claimed: 1.78 cfs Total Acres: 77 acres

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Turner

Type of Waste Disposal System:

Location: 8 miles north of Centerville

PRIORITY Date Received: 2-1-08

Application/License Fee: \$275

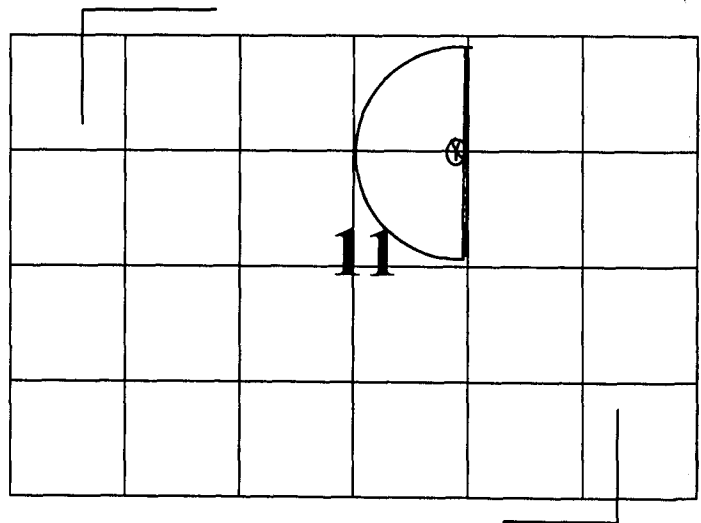
Corrected Application Received: 2-13-08

Period of Annual Use: June 1 – September 30

Remarks: requesting more water than statutory limit

Diversion Point: W ½ SE ¼ Sec 11-T97N-R52W

Land to be Irrigated: W ½ NE ¼ Sec 11-T97N-R52W



Depth of Well: 60 – 70 feet deep

Well Driller:

Remarks:

Type of Map: aerial

Prepared by: Morris Miller, Turner Co FSZ

Reviewed and the Number Assigned on: 2-13-08

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

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

Originally received: Feb 1, 2008

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only) No. <u>6969-3</u> Hydrologic Unit <u>10170102</u>
	Basin <u>Vermillion River</u>
	Newspaper <u>Viborg Enterprise/Husky Leader P.O. Box 398</u> <u>605-786-7827</u> <u>Viborg 57070</u>

RECEIVED
FEB 13 2008
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.) _____

- Name of Applicant Roger Blake Phone 605 563-2101
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 46362 295 St, Centerville State SD 57014-6701
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 1.78 *CFS or 800 **GPM ***AF Total Acreage 77
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Groundwater (one well)
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
W 1/2 NE 1/4 Sec 11-T97N-R52W
County Turner
- County or counties where water will be used Turner
- Annual period during which water is to be used June 1 - September 30
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
<u>W 1/2 NE 1/4 Sec 11-T97N-R52W</u>	<u>77</u>		

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

Windshield wipe the 77 acres.

STATE OF SOUTH DAKOTA) SS
County of Turner

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

I, Roger Blake, 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 Roger Blake
Subscribed and sworn to before me this 11th day of February 19 2008

Sandra D. Pederson
Notary Public signature
My commission expires
04-30-09

SOUTH DAKOTA
WATER PERMIT NO. 6969-3

Date of first receipt of application February 1, 2008.

Date of return to applicant for corrections, amendments or changes February 4, 2008.

Date of receipt of corrected application February 13, 2008.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6969-3 to Roger Blake, 46362 295th St, Centerville SD 57014 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. 6969-3 appropriates 1.78 cubic feet of water per second from one well to be completed into the Parker: Centerville Aquifer (approximately 60 – 70 feet deep) located in the W 1/2 NE 1/4 Section 11 to irrigate 77 acres located in the W 1/2 NE 1/4 Section 11; all in T97N-R52W.
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: June 1 – September 30.
3. The date from which applicant may claim right is February 1, 2008.
4. The date of approval of Permit No. 6969-3 is April 14, 2008.
5. One-fifth of the construction is to be completed on or before October 14, 2010.
6. All construction is to be completed on or before April 14, 2013.
7. Water is to be put to beneficial use on or before April 14, 2017.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6969-3 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

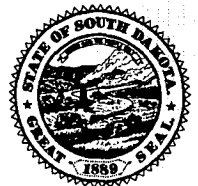
Garland Erbele, Chief Engineer

Water Rights Program

Department of Environment and Natural Resources

MAY 07 2008

date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction center of W ½ NE ¼ Sec 11-T97N-R52W

- a) Drill Hole Diameter 30" Depth 60'-70'
- b) Casing Type PVC Diameter 16" Thickness 5/16"
- c) Screen Type PVC Perf/slotted Diameter 16" Thickness 5/16"
- d) Gravel Pack Peat rock Length of Gravel Pack 130'
- e) Depth to Top of Water Bearing Material 60'
- f) Depth to Water (ground surface to water level) 70'
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others ½ 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

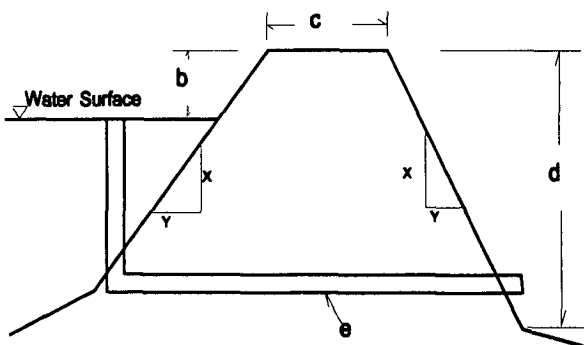
- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

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



Automatic Irrigation Inc.



1111 Railway Street
Centerville, SD 57014
(605) 563-2649 office

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FEB - 1 2008

WATER RIGHTS
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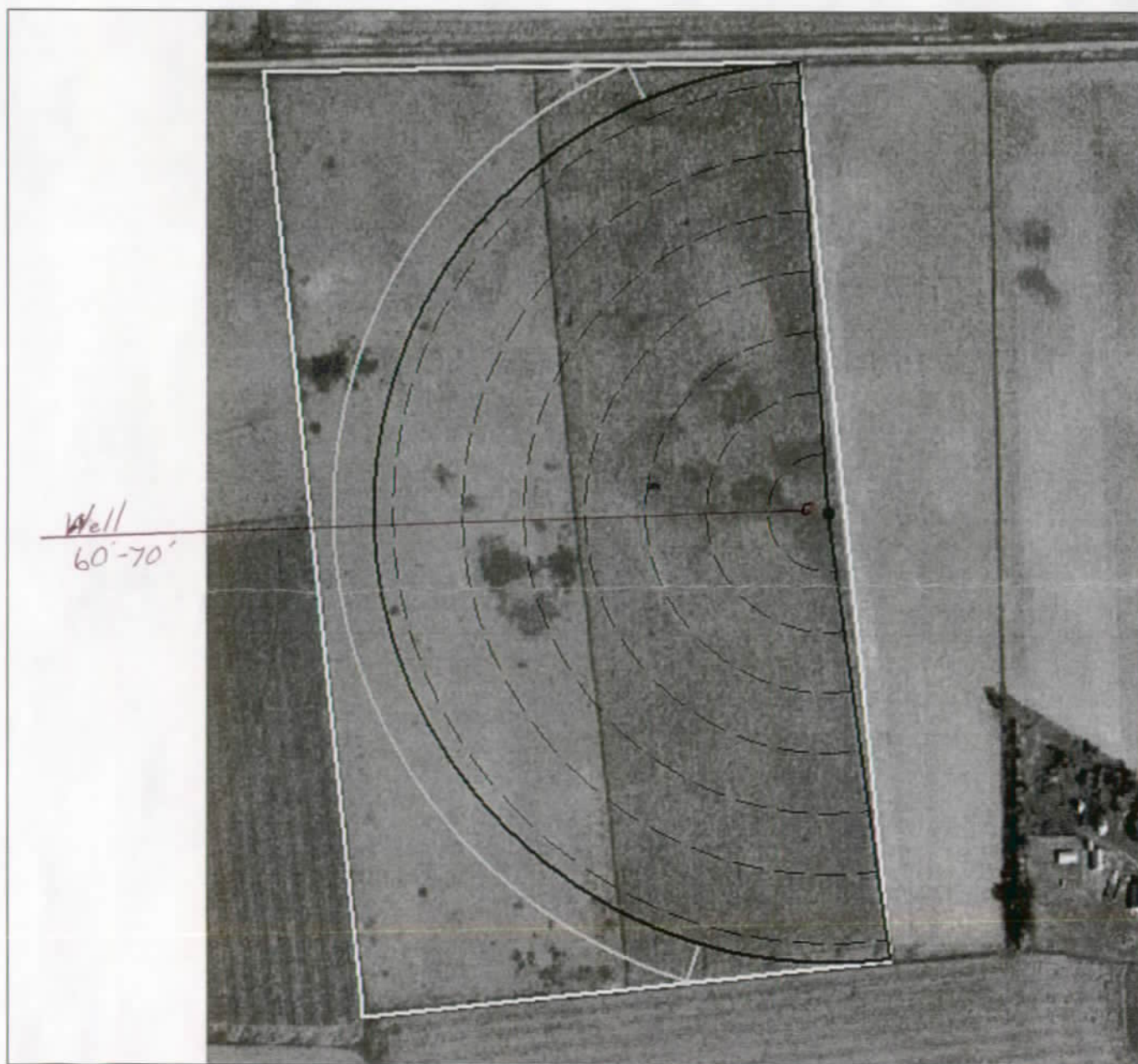
Farm: North 80

Grower: Roger Blake

W 1/2 NE 1/4 section 11-97-52

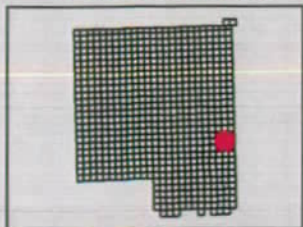
1/22/2008

Systems:	Length	Spans	Total area including endgun
● Pivot 1	1172.42 ft	7 spans + 44 ft o.h.	57.63 acres





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



South Dakota Turner County

My Map 11-97N-52W

MELISSA MILLER, DC USDA-NRCS

Legend

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

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

March 21, 2006

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 2/13, 20 08

RECEIVED OF Rogers Blake 46362 295th ST Centerville SD 57014

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

Fee for Application for Permit No. <u>6969-3</u> to Appropriate Water, to construct and to put water to beneficial use	225	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>6969-3</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	275	00

No.

03524

By

Louise Erbe
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6969-3, Roger Blake**

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. 6969-3, Roger Blake, 46362 295th Street, Centerville SD 57014.

The Chief Engineer is recommending APPROVAL of Application No. 6969-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6969-3 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
March 21, 2008

NOTE: Please carefully review the Mr. Goodman's report on your application. This water permit is for development into the Parker Centerville Aquifer as the water source. The underlying Upper Vermillion:Missouri Aquifer must not be penetrated by the well under this permit.

REPORT ON WATER PERMIT NO. 6969-3
For Roger Blake
February 27, 2008

Application No. 6969-3 proposes to appropriate 1.78 cfs (800 gpm) from one well approximately 60 to 70 feet deep located in the center of the W ½ NE ¼ of section 11 to irrigate 77 acres located in the W ½ NE ¼ of section 23; all in T97N R52W in Turner County. The applicant is requesting a diversion rate greater than the statutory limit of one cfs per 70 acres.

AQUIFER – PARKER CENTERVILLE (PAC)

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

No test holes were drilled for this application. The depth estimated by the applicant should mean a production well would be completed into the Parker Centerville aquifer. This area is also underlain by the Upper Vermillion Missouri aquifer at a greater depth and this permit would not allow production from that aquifer. The Parker Centerville aquifer probably will not exceed 60 feet in depth in this area. In fact, Niehus mapped the aquifer border in the immediate area to the north and east of this proposed well. A well at this site would probably penetrate into the Upper Vermillion Missouri aquifer at about 110 feet below land surface. Until test drilling is completed at this site it can not be determined if the Parker Centerville is a viable aquifer at this site. A high capacity well should be completed through the entire formation in order to obtain the best well possible.

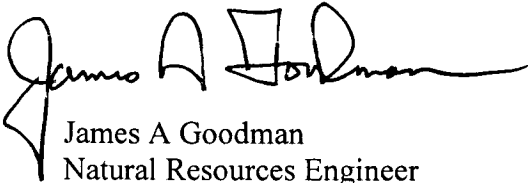
The Water Rights Program monitors three observation wells completed into the Upper Vermillion Missouri and the Parker Centerville aquifer and within two miles of this application. The observation wells TU-77K and TU-78C are completed into the Parker Centerville aquifer and within one mile of this application. Water levels for these wells show good response to climatic conditions. Water levels rise during wet years (recharge) and gradually decline during dry years. The effects of pumping of nearby irrigation wells are not obvious. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2008). Hydrographs for these two observation wells area included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest irrigation well, Water Right No. 2220-3 (1.11 cfs, 80 acres) is located about one-half mile to the west of this proposed well. Interference should not be a concern. At this distance between wells drawdown is not expected to be significant. This is verified by the observation well hydrographs.

CONCLUSIONS

1. Water is available from the Parker Centerville aquifer.
2. The aquifer is under water table conditions at this site. Drawdown will be created by pumping but this is not expected to be significant nor cause any adverse effects upon prior water rights. Interference is not a concern.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.
4. The well at this site must be completed into the Parker Centerville aquifer only. The underlying Upper Vermillion Missouri aquifer must not be penetrated by this proposed well. The two aquifers must not be allowed to commingle through a well bore.
5. The diversion rate requested by the applicant is reasonable if a full size center pivot system is to be used. This amount of water would be needed to operate the system.



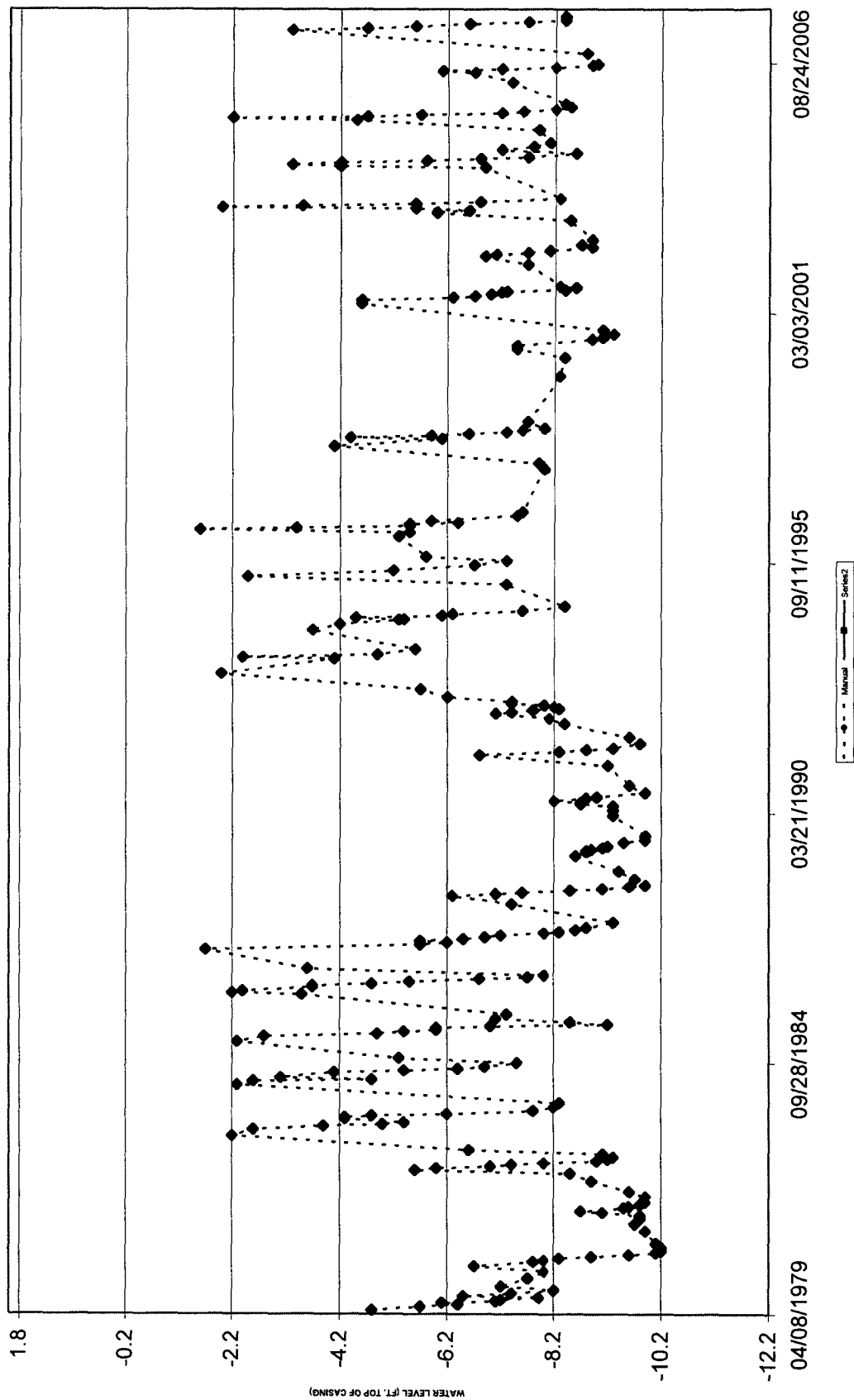
James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

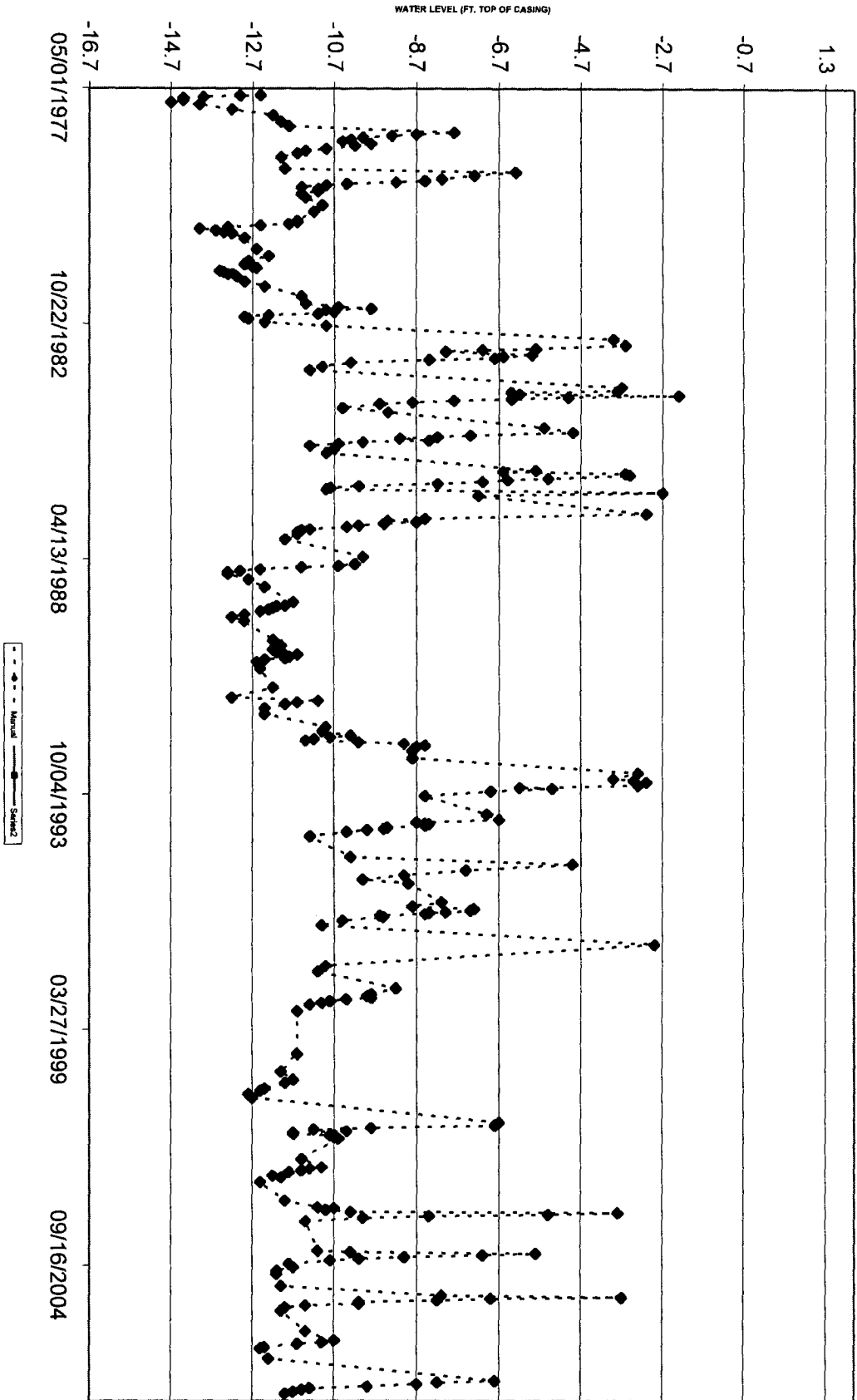
Lindgren, R.J., D.S. Hansen, 1990, Water Resources of Hutchinson and Turner Counties, South Dakota, Water-Resources Investigations Report 90-4093, USGS, Huron, SD, 57350.

Water Rights, 2008, Unpublished Observation Well Data for Turner and Lincoln Counties, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL
TU-78C



WATER RIGHTS' OBSERVATION WELL TU-77K



RECEIVED

APR - 7 2008

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA)

:SS

COUNTY OF TURNER)

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

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

notice in said newspaper aforesaid was on Thursday

the 27th day of March, 2008,

and that the succeeding publications were severally

on Thursday, the 3rd day of April, 2008;

on Thursday, the ____ day of _____, 2008;

on Thursday, the ____ day of _____, 2008;

on Thursday, the ____ day of _____, 2008;

Affiant further says that the full amount of the fees charged for the publication of said notice inures to the benefit of the publishers of said newspaper; that no agreement of understanding for the division thereof has been made with any other person, that no part therefore has been agreed to be paid to any person whomsoever; and that the fees charged for the publication thereof are:

DOLLARS (\$ 42.71)

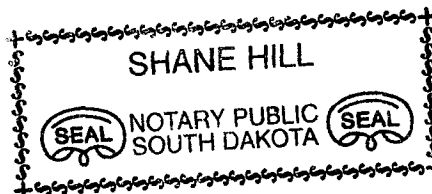
(x) Allyson M. Hill, Allyson M. Hill

Subscribed and sworn to before me this 3rd day of

April, 2008

Notary Public

My commission expires 11/14/2012



Casey Van Beek,
Finance Office

NOTICE OF APPLICATION NOS. 6968-3 and 6969-3 to Appropriate Water

Notice is given that Roger Blake, 46362 295th St, Centerville SD 57014 has filed the following applications for a water permit.

Application No. 6968-3 proposes to appropriate 1.78 cubic feet of water per second (cfs) from one well to be completed into the Upper Vermillion-Missouri Aquifer (approximately 130 feet deep) located in the center of the NE 1/4 Section 25 to irrigate 160 acres located in the NE 1/4 Section 25; all in T96N-R52W.

Application No. 6969-3 proposes to appropriate 1.78 cfs from one well to be completed into the Parker: Centerville Aquifer (approximately 60 - 70 feet deep) located in the W 1/2 NE 1/4 Section 11 to irrigate 77 acres located in the W 1/2 NE 1/4 Section 11; all in T97N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 6968-3 and 6969-3 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications 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 recommendations. 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 April 14, 2008.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

LEGALS



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

March 20, 2008

Viborg Enterprise/Hurley Leader
PO Box 398
Viborg SD 57070

ATTENTION: Legal Public Notice

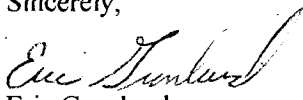
Enclosed is a Notice on Application Nos. 6968-3 & 6969-3 to Appropriate Water to be published twice. Please publish the first notice on March 27, 2008 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Roger Blake, 46362 295th St, Centerville SD 57014 (Ph # 605-563-2101).

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-----

Nos. 6968-3 & 6969-3

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

Date _____

We are in receipt of your letter of March 20, 2008 enclosing Notice to Appropriate Water by Application Nos. 6968-3 & 6969-3 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.

March 20, 2008

Roger Blake
46362 295th St
Centerville SD 57014

Dear Mr. Blake:

Water Permit Application Nos. 6968-3 & 6969-3 for irrigation use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Viborg Enterprise/Hurley Leader printed at Viborg SD (Ph # 605-786-7827). 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 Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendations, 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 March 27, 2008 with the second publication 7 days later. The applicant is responsible for payment.

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Application No. 6969-3 proposes to appropriate 1.78 cfs from one well to be completed into the Parker: Centerville Aquifer (approximately 60 – 70 feet deep) located in the W ½ NE ¼ Section 11 to irrigate 77 acres located in the W ½ NE ¼ Section 11; all in T97N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 6968-3 and 6969-3 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications 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 recommendations. 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 April 14, 2008.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. 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

MAY 07 2008

Roger Blake
46362 295th St
Centerville SD 57014

Dear Mr. Blake:

Enclosed are Water Permit Nos. 6968-3, 6969-3 and 6970-3 authorizing construction of your water diversion systems and beneficial use of the water, not exceeding the limits as specified in the Water Permits.

Form 10's, *Notice of Completion of Works and Application of Water to Beneficial Use*, are enclosed. Please return the completed forms after you have finished the systems and have put the water to beneficial use. An investigation can then be scheduled so the water licenses 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

6969-3
RECEIVED

DEC - 5 2011

WATER RIGHTS
PROGRAMNOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate 12-1-11TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM:

Roger Blake
(name)46362 295th ST
(address)Centerville, SD 57014
(city, state, zip)605-563-2101
(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.

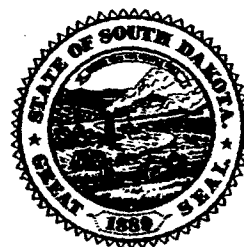
Water Permit No. 6969-3 states that the water use system is to be constructed by April 14, 2013, and water is to be put to beneficial use by April 14, 2017.
(date) (date)

The water use system was completed on July 2008.
(date)

Applying the water to beneficial use was completed on July 2008.
(date)

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

Roger Blake
(signature)



6969-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

December 7, 2011

Roger Blake
46362 295th St
Centerville SD 57014

RE: Water Permit Nos. 6968-3, 6969-3, 6970-3 and 7191-3

Dear Mr. Blake:

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

The systems are 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 completion of the projects and the staff inspection has no bearing on your water permits.

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

Sincerely,

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

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

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 6969-3

I have this day, **November 28, 2017**, made a thorough examination of the water use system constructed by **Roger Blake, 46362 295th St, Centerville SD 57014** of Permit No. **6969-3**, bearing the priority of **February 1, 2008** authorizing the diversion of **1.78** cu. ft. per second of the waters of **Parker:Centerville Aquifer** for **irrigation** purposes, of **77** acres, in **Turner** County.

Inspection contact & relationship **Roger Blake, permit holder**
to permit holder, if applicable:

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: **Lacey Well Drilling, Inc.**
- 2) No. of Wells **1**
- 3) Depth(s) **41** feet
- 4) Well log is available **Yes**

Casing:

- 1) Diameter **12** inches
- 2) Length **32.5** feet
- 3) Type **Steel**

Screen:

- 1) Type **Stainless Steel Manufactured**
- 2) Length **8.5** feet
- 3) Static water level **7** feet

Pump:

- 1) Make **In-Line Shaft Turbine**
- 2) Model **Unknown**
- 3) Capacity **600** GPM

Motor:

- 1) Make **Randolph Right Angle Gear Drive**
- 2) Model No. **100M**
- 3) Horsepower rating **100** hp

C. Works used to apply water to beneficial use:

Center pivot:

- 1) Make Lindsay
- 2) Overall length 1224 feet
- 3) Number of towers 7
- 4) End gun Yes
- 5) Capacity 600 GPM

Comments: Water Permit 6969-3 appropriated 1.78 cfs or 800 gpm, however only 1.34 cfs or 600 gpm was developed.
System is driven by a John Deere diesel generator set with above ground diesel fuel tank.

Chemigation Equipment:

- 1) Does chemigate No

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Yes
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Yes, began irrigating in 2008.

List any extended period of nonuse: Did not use in 2010 due to adequate rainfall.

- 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: West 2580', South 1230' from NE Corner of Sec 11-T97N-R52W; Lat 43.23957/Long -96.95441; NW ¼ NE ¼ Sec 11-T97N-R52W.
2. The works are capable of diverting and conveying to the place of use 1.34 cfs or 600 gpm of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:
All land is located in Sec 11-T97N-R52W.
NW ¼ NE ¼ - 33 ac SW ¼ NE ¼ - 27 ac
comprising a total of 60 acres of land and the license should be issued for 1.34 cfs or 600 gpm.
3. All structures, wells and lands on map Yes

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

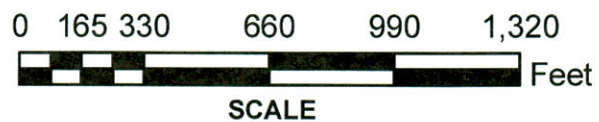
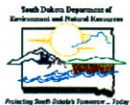
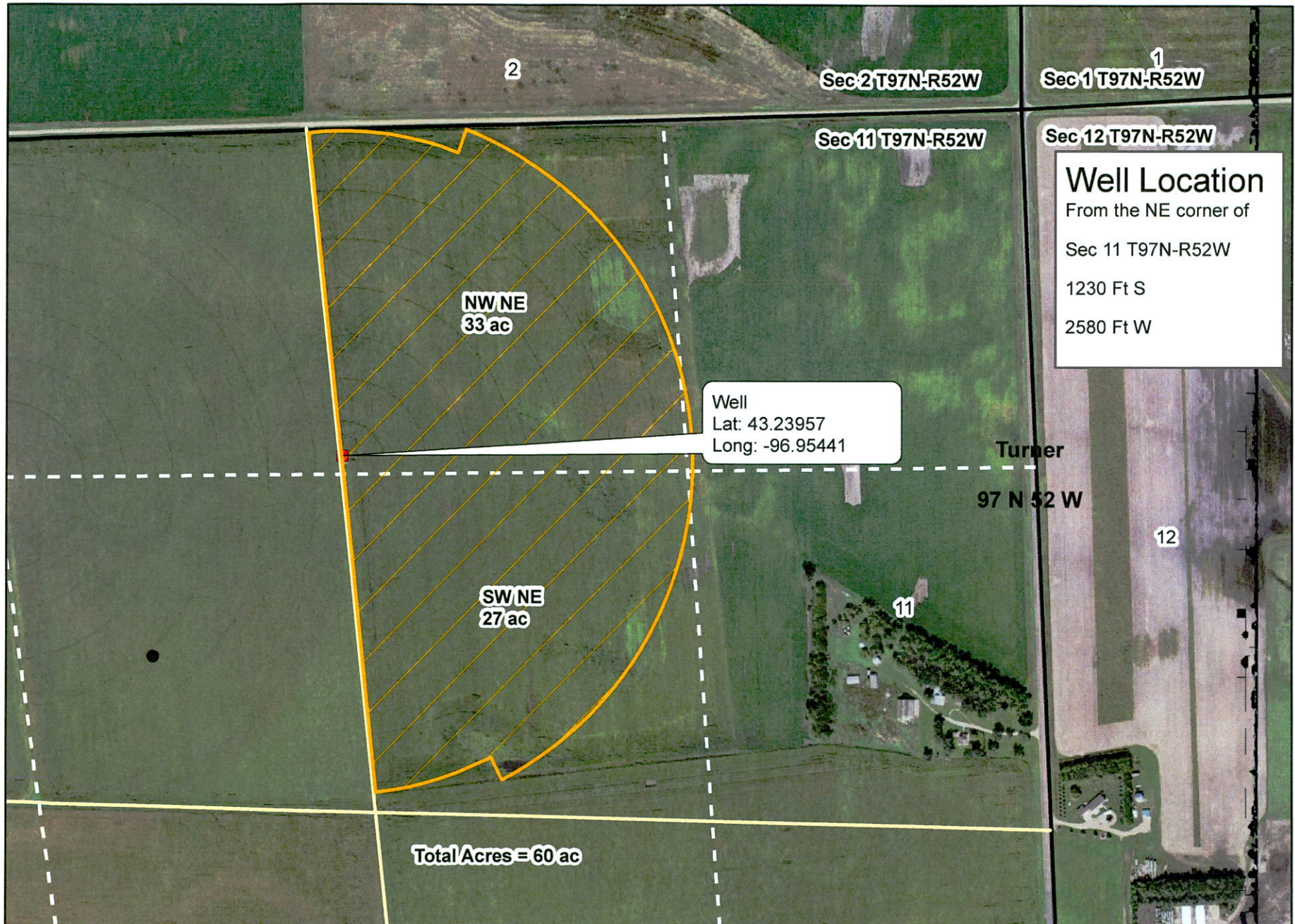
Water Permit No. 6969-3 appropriates a diversion rate greater than the statutory limit of 1 cfs per 70 acres irrigated.



Harold Holoch, PE
Staff Engineer
DENR, Water Rights Program

Date report completed: **January 16, 2018**

6969-3



Harold Holoch
Harold Holoch, PE
Staff Engineer
January 10, 2018

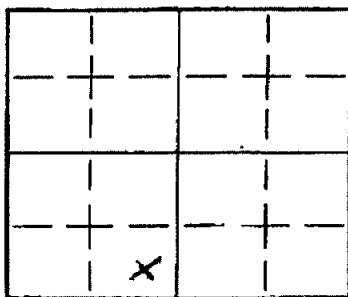
6969-3

6969-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE^{1/4} SW^{1/4} Sec 8¹¹ Twp 91-N Rg 52-W
 County Turner
 Please mark well location with an "X"



Well-Completion Date

6-9-08

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 1/4 mile ft. from River (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Bucket-Pole Casing

ASING DATA: ☒ Steel ☐ Plastic ☐ Other

I other describe

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
50 LB/FT 12 IN + 2 FT 30'6" FT 20 IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN

GROUTING DATA

Grout Type No. of Sacks Grout Weight From To
Cement _____ lb./gal 0 ft. 9 ft.
 _____ lb./gal _____ ft. _____ ft.

Describe grouting procedure

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 12" IN Length 8'6" FEET

Material Stainless Steel

Lot Size 1080 Set From 32'6" Feet to 41 Feet

Other information

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

so, what material?

Describe packer(s) and location?

DISINFECTION: Was well disinfected upon completion?

☒ YES, How:

Chlorine

☐ NO, Why Not?

pellers

Laboratory sent to for water
 quality analysis

Well Owner: Roger Blake

Business Name:

Address: 46362 295th St.Centerville, SD 57014

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Black Topsoil	0	3
Gray Clay + Sand streaks	3	10
Brown Sand	10	12
Very Coarse Gravel	12	41

STATIC WATER LEVEL 7' Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

17' ft. After 2 Hrs. pumped 600 GPMFrom Casing 7' up ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 111

And this report is true and accurate.

Drilling firm Lacey Well Drilling, Inc.

Signature of License Representative:

Joan Redden Lacey

Signature of Well Owner or Equitable Property Holder:

Date:

Jan 11 2018 10:50PM HP LASERJET FAX



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and NATURAL RESOURCES

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PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

MAR 19 2018

6969-3

Roger Blake
46362 295th St
Centerville SD 57014

Dear Mr. Blake:

Enclosed is Water License No. 6969-3. 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.

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

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6969-3**

(1) Roger Blake, 46362 295th St., Centerville SD 57014 made Application No. 6969-3, February 1, 2008 for a water permit to divert 1.78 cubic feet of water per second from ground water, one well (Parker Centerville Aquifer), Turner County, South Dakota for irrigation purposes. Permit No. 6969-3, with a priority date of February 1, 2008 was approved April 14, 2008 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before April 14, 2013 and for the application to beneficial use of said water on or before April 14, 2017.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.34 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 2,580'W and 1,230'S of the NE Corner of Section 11, T97N, R52W (NW ¼ NE ¼ Section 11)
Latitude 43.23957 Longitude -96.95441

(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:

T97N, R52W Section 11	NW ¼ NE ¼	33 acres
	SW ¼ NE ¼	27 acres
	Total	60 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Roger Blake, 46362 295th St., Centerville SD 57014 the holder and/or owner of Water Right No. 6969-3 is issued a license to appropriate water, the right to use 1.34 cubic feet of water per second from ground water, one well (Parker Centerville Aquifer) with a priority date of February 1, 2008 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. 6969-3 and subject to the following qualifications:

- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The well authorized by Permit No. 6969-3 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. *The well was drilled in June, 2008 by Lacey Well Drilling Inc. A copy of the well completion report is on file with the Water Rights Program.*
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

MAR 19 2018
date

