

WATER PERMIT NO. 6926-3

Name of Applicant: **Chuck Donnelly**

Address: **32184 47th Ave, Elk Point SD 57025** Phone: **605 356-3167**

Amount of Water Claimed: **1.89 cfs** Total Acres: **160**

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

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

Type of Waste Disposal System:

Location: **2 miles northwest of Elk Point**

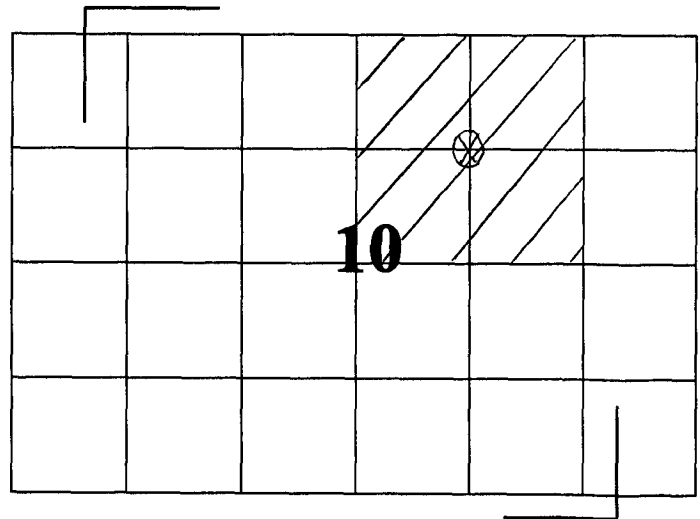
PRIORITY Date Received: **12-20-07** Application/License Fee: **\$300**

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

Remarks:

Diversion Point: **Center of NE ¼ Sec 10-T91N-R50W**

Land to be Irrigated: **NE ¼ Sec 10-T91N-R50W**



Depth of Well: **155 feet deep**

Well Driller:

Remarks:

Type of Map: **aerial**

Prepared by: **Larry D Wilcox, Union Co FSA**

Reviewed and the Number Assigned on: **12-20-07**

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>6926-3</u> (office use only) Hydrologic Unit <u>10170101</u>
	Basin <u>Missouri River</u>
	Newspaper <u>Leader - Courier P.O. Box 310</u>
	<u>605-356-2632</u> <u>Elk Point</u>

RECEIVED

DEC 20 2007

WATER RIGHTS
PROGRAMApplication For Permit To Appropriate Water For Irrigation ⁵⁷⁰²⁵Type 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 Chuck Donnelly Phone 605-356-3167
 (check one) ☒ Owner ☐ Tenant/lessee
- Mailing Address 32184 472 Ave Elk Point State SD 57025
 (Street, RR, or Box and City) (Zip Code)
2. Amount of water claimed 1.89 *CFS or 850 **GPM ***AF Total Acreage _____
 (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
3. Source of water supply Sand & Gravel groundwater (one well)
4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Union
1 well NE 1/4 Section 10 T91N R50W (approximate center)
5. County or counties where water will be used Union
6. Annual period during which water is to be used May - Sept. 30
7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
 (Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
<u>NE 1/4 S-10 T91N R50W</u>	<u>160</u>		

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

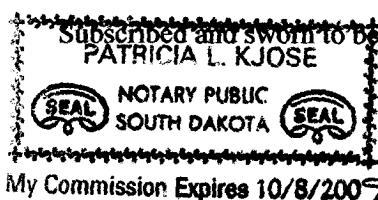
Irrigation well to feed low pressure irrigation system.

STATE OF SOUTH DAKOTA)

SS

County of Union

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, Chuck Donnelly 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 Chuck Donnelly

Patricia L. Kjosie

Notary Public signature

**SOUTH DAKOTA
WATER PERMIT NO. 6926-3**

Date of first receipt of application December 20, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6926-3 to Chuck Donnelly, 32184, 472 Ave, Elk Point SD 57025 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. 6926-3 appropriates 1.89 cubic feet of water per second from one well to be completed into the Missouri:Elk Point Aquifer (approximately 155 feet deep) located in the center of the NE ¼ Section 10 to irrigate 160 acres located in the NE ¼ Section 10; all in T91N-R50W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – September 30.
3. The date from which applicant may claim right is December 20, 2007.
4. The date of approval of Permit No. 6926-3 is February 11, 2008.
5. One-fifth of the construction is to be completed on or before August 11, 2010.
6. All construction is to be completed on or before February 11, 2013.
7. Water is to be put to beneficial use on or before February 11, 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. 6926-3 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 02 2008

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 16" Depth 155
- b) Casing Type PVC Diameter 12" Thickness Sch 40
- c) Screen Type PVC Diameter 12" Thickness Sch 40
- d) Gravel Pack Yes PEA & Gravel Length of Gravel Pack ~~80'~~ 80'
- e) Depth to Top of Water Bearing Material 95'
- f) Depth to Water (ground surface to water level) 19'
- g) Distance to nearest existing domestic well:

On applicants property None

On property owned by others More than 1/2 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

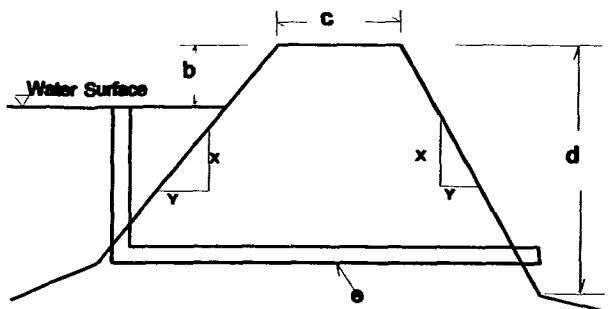
3. Dugout Information

- 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

1130



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DEC 11 2007

UNION CO. FSA



USDA - Farm Service Agency
Union County, SD

10-91N-50W

1:8,744

May 22, 2007

N



Legend

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

Wetland Determination Identifiers

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

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 12/20, 20 07

RECEIVED OF Chuck Donnelly Farms Inc 33184 472nd Ave Elk Point SD 57025

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

Fee for Application for Permit No. <u>6926-3</u> to Appropriate Water, to construct and to put water to beneficial use	250	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>6926-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)		
TOTAL	300	00

No.

03279

By

Harold 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. 6926-3, Chuck Donnelly**

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. 6926-3, Chuck Donnelly, 32184 472nd Avenue, Elk Point SD 57025.

The Chief Engineer is recommending APPROVAL of Application No. 6926-3 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. 6926-3 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
January 17, 2008

REPORT ON WATER PERMIT APPLICATION NO. 6926-3
For Chuck Donnelly
January 16, 2008

Application No. 6926-3 proposes to appropriate 1.89 cfs (850 gpm) from one well approximately 155 feet deep located in the center of the NE $\frac{1}{4}$ of section 10 to irrigate 160 acres located in the NE $\frac{1}{4}$ of section 10; all in T91N R50W in Union County.

AQUIFER – MISSOURI ELK POINT (M-EP)

The Missouri Elk Point is a surficial outwash (sand and gravel) under water table conditions in the area of this application. The aquifer can be buried and under artesian conditions a few miles to the north and east. The aquifer underlies 180 square miles and contains an estimated 1.5 million acre-feet of water in storage in Union County (Niehus, 1994). The Missouri aquifer as described by Niehus closely mirrors the Missouri Elk Point as described in the Hedges report (Hedges, 1982). The aquifer blends into the Lower Vermillion Missouri aquifer to the northwest, into the Big Sioux South aquifer to the northeast, extends into Clay County to the west and is hydraulically connected to both the Big Sioux and Missouri Rivers. Ground water movement is from northwest to southeast in the area of this application (Niehus, 1994).

No test wells were drilled for this application. However, information from nearby domestic wells, other irrigation wells, observation wells and data from the Union County study all indicate the likelihood that the aquifer underlies this site. The estimate of 155 feet for total well depth is more than sufficient to penetrate the entire thickness of the aquifer. More likely a total depth of 100 to 125 feet will be all that is penetrated at this site.

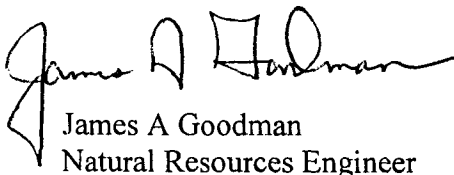
The Water Rights Program does monitor two observation wells within two miles of this site. These are observation well UN-77L which is located about two miles to the south, and UN-87G which is located about two miles to the east both from this site. Water levels for these wells show good response to climatic conditions. Water levels decline during dry years and rise during wet years (recharge). Overall the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2008). One interesting note from the water level data is the fact that water levels near the Missouri River appear to exhibit a slight decline over the period of record. This can be attributed to entrenching of the Missouri River this creating a situation near the river where ground water levels are controlled by the level of the river. Since that head or level of the river is a little lower the ground water discharges to the river and consequently lowers the ground water level. The result over a long time period is the general downward trend in ground water levels near to the river. This trend is not readily apparent at farther distances from the river.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There is one existing water right No. 3137-3 located just to the north of this application. The existing irrigation well is located one-half mile from this proposed site. Interference is not a concern. Drawdown created by pumping is not significant in this area. This is shown by the observation well hydrographs with this report.

CONCLUSIONS

1. Water is available from the Missouri Elk Point aquifer.
2. The aquifer should be under water table conditions at this site. Drawdown created by pumping is not expected to be significant. The distance between production wells is sufficient to minimize any potential impacts. Interference is not a concern.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.

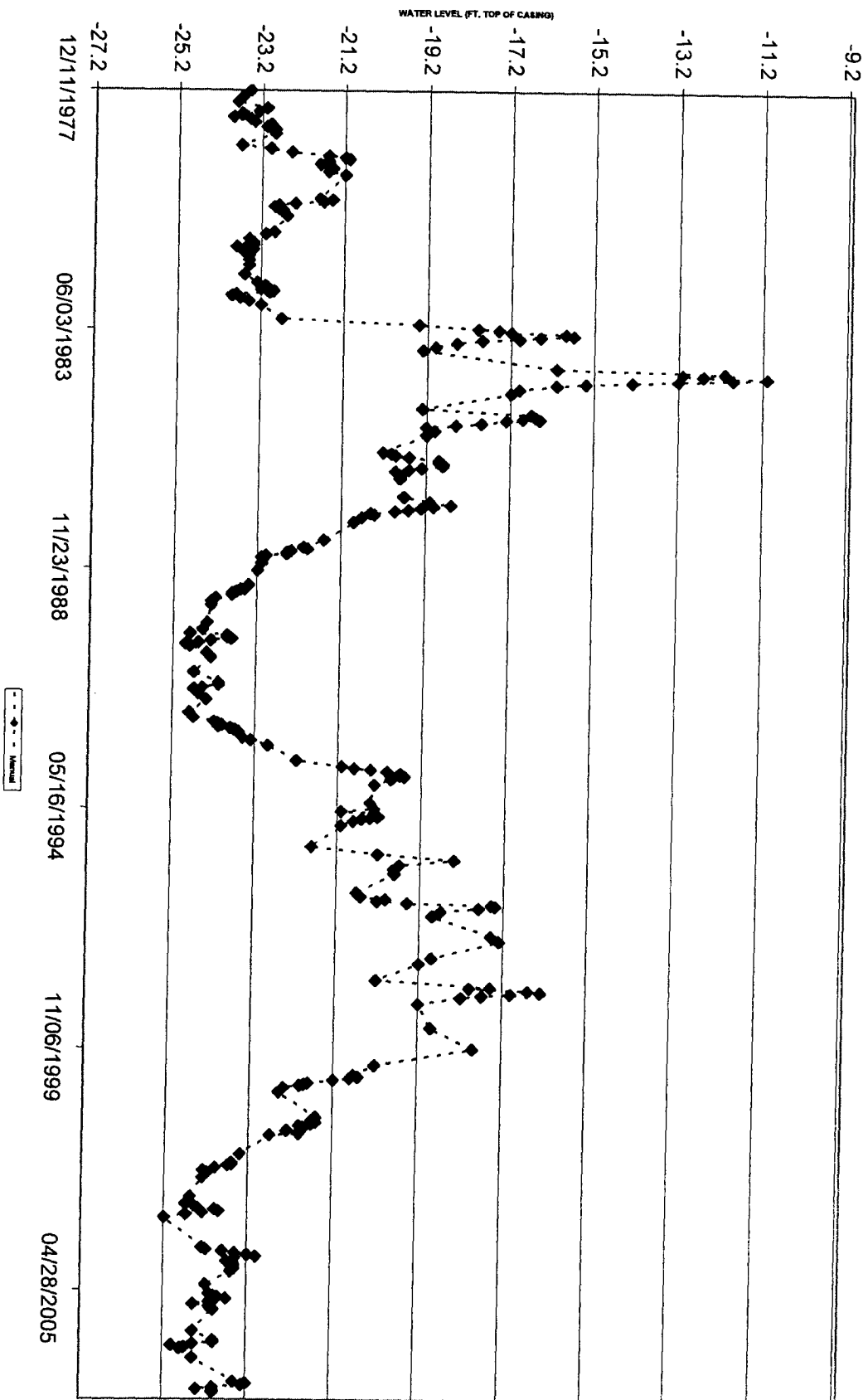


James A Goodman
Natural Resources Engineer

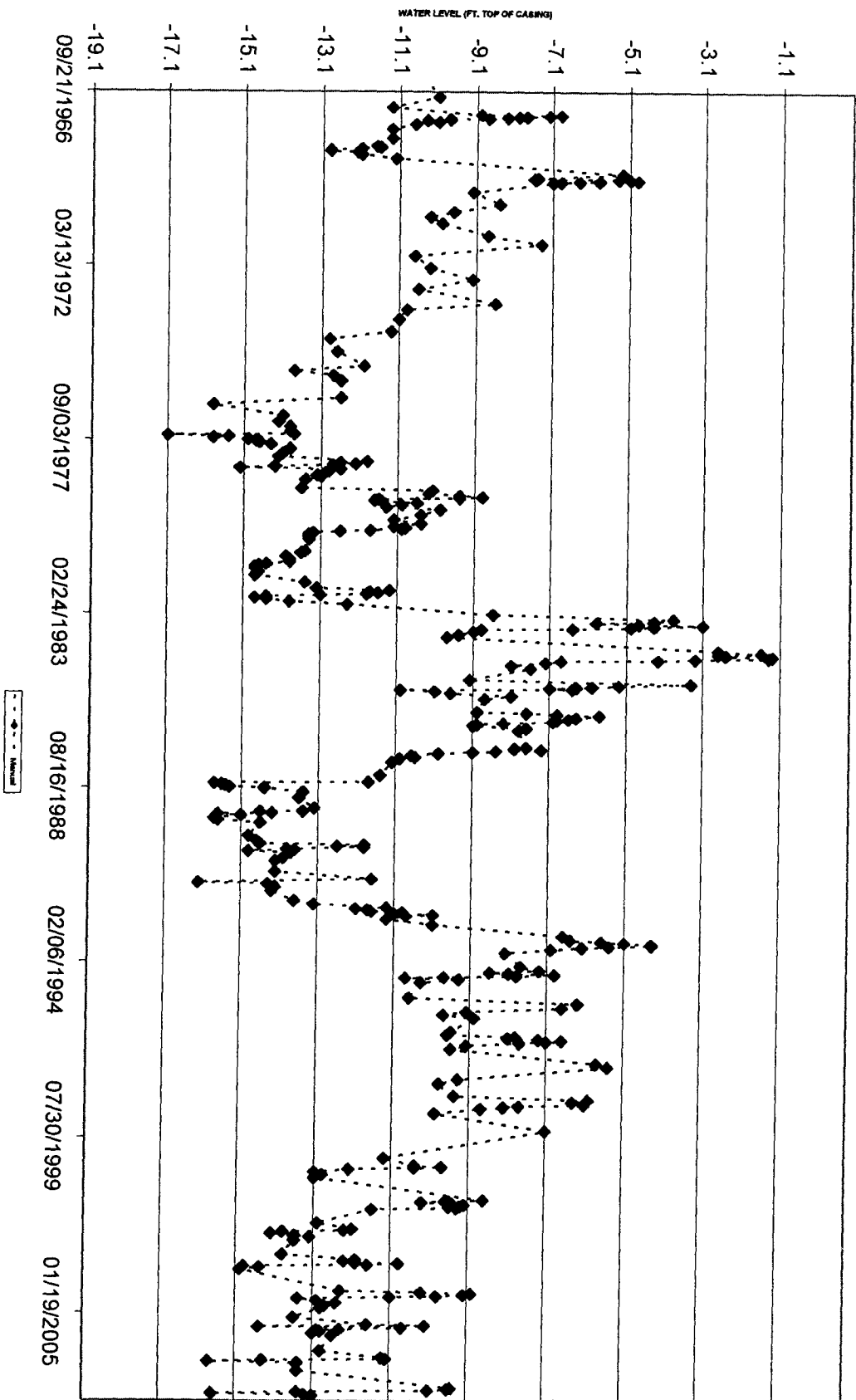
BIBLIOGRAPHY

- Hedges, L.S., and others, 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.
- Niehus, C.A., 1994, Water Resources of Lincoln and Union Counties, South Dakota, Water Resources Investigations Report 93-4195, USGS, Rapid City, SD, 57702.
- Water Rights, 2008, Unpublished Observation Well Records for Union County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL
UN-77L



**WATER RIGHTS' OBSERVATION WELL
UN-87G**



RECEIVED

FEB - 4 2008

Form 8

WATER RIGHTS
PROGRAM

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County of Union) SS

I, Susan Odson

certify that the attached printed Notice was taken

from the Leader-Courier

printed and published in Elk Point

County of Union and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

January 24, 2008

January 31, 2008

Cost of Printing \$45.53

Susan Odson
(Signature)

Affidavits Coordinator
(Title)

1/31/08
(Date Signed)

NOTICE OF APPLICATION NO. 6926-3 TO APPROPRIATE WATER

Notice is given that Chuck Donnelly, 32184 472nd Ave, Elk Point SD 57025 has filed an application for a water permit to appropriate 1.89 cubic feet of water per second from one well to be completed into the Missouri: Elk Point Aquifer (approximately 155 feet deep) located in the center of the NE 1/4 Section 10 to irrigate 160 acres located in the NE1/4 Section10; all in T91N-R50W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6926-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E. Capitol, Pierre, SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by February 11, 2008.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application.

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

Publish January 24 and 31, 2008

4-7-68

45.53



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 17, 2008

Leader Courier
PO Box 310
Elk Point SD 57025

ATTENTION: Legal Public Notice

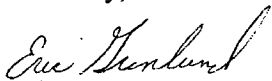
Enclosed is a Notice on Application No. 6926-3 to Appropriate Water to be published twice. Please publish the first notice on January 24, 2008 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 Chuck Donnelly, 32184 472nd Ave, Elk Point SD 57025 (Ph # 605-356-3167).

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. 6926-3

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

Date _____

We are in receipt of your letter of January 17, 2008 enclosing Notice to Appropriate Water by Application No. 6926-3 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.

January 17, 2008

Chuck Donnelly
32184 472nd Ave
Elk Point SD 57025

Dear Mr. Donnelly

Water Permit Application No. 6926-3 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 Leader Courier printed at Elk Point SD (Ph # 605-356-2632). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

Instruction to Newspaper - Publish first Notice on January 24, 2008 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6926-3 to Appropriate Water

Notice is given that Chuck Donnelly, 32184, 472nd Ave, Elk Point SD 57025 has filed an application for a water permit to appropriate 1.89 cubic feet of water per second from one well to be completed into the Missouri:Elk Point Aquifer (approximately 155 feet deep) located in the center of the NE ¼ Section 10 to irrigate 160 acres located in the NE ¼ Section 10; all in T91N-R50W.

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DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

APR 02 2008

Chuck Donnelly
32184 472nd Ave
Elk Point SD 57025

Dear Mr. Donnelly:

Enclosed is Water Permit No. 6926-3 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

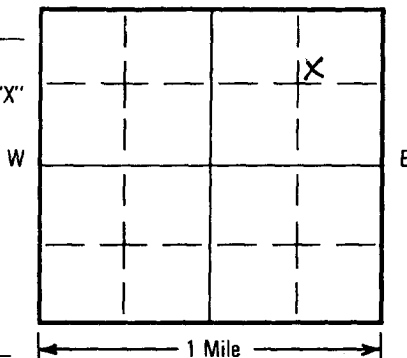
SOUTH DAKOTA WATER WELL COMPLETION REPORT

6926-3

07-92

Location NE 1/4 NE 1/4 Sec 10 Twp 91N Rg 50W
County Union

Please mark well location with an "X"



Well Completion Date

7-10-07

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.) 1/4 mi from Any (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Mud RotaryCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>5CH 40 LB/FT</u>	<u>12 IN</u>	<u>0 FT</u>	<u>94 FT</u>	<u>18 IN</u>
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

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

Describe grouting procedure Pumped in with grout pumpSCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 12 IN Length 60 FEETMaterial PVCSlot Size .50 Set From 94 Feet to 154 Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

_____ YES, How: _____

☒ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Irrigation wellWell Owner: Chuck DonnellyBusiness Name: Donnelly FarmsAddress: 32184 422 Ave
EIK Point, SD 57025

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Heavy dark clay</u>	<u>0</u>	<u>67</u>
<u>Medium sand</u>	<u>67</u>	<u>75</u>
<u>Medium gravel</u>	<u>75</u>	<u>82</u>
<u>Fine sand</u>	<u>82</u>	<u>85</u>
<u>Medium gravel</u>	<u>85</u>	<u>157</u>
<u>Shale</u>	<u>157</u>	<u>158</u>

STATIC WATER LEVEL 18 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:

☒ PumpedDescribe: Pumped with customer's permanent pump☐ Bailed☐ Other _____

Pumping Level Below Land Surface

29 ft. After 4 Hrs. pumped 1000 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 800 GPM

REMARKS

RECEIVED

JAN 30 2008

WATER RIGHTS PROGRAM

This well was drilled under license # 667

And this report is true and accurate.

Drilling firm Dakota Drilling & Backhoe, Inc

Signature of License Representative:

Vernon E. Ueber

Signature of Well Owner or Equitable Property Holder:

Date: _____