

WATER PERMIT NO. 6640-3

Name of Applicant: Scott Losing

Address: 39159 221st St, Alpena SD 57312

Phone: 605 849-3449

Amount of Water Claimed: 2.0 cfs

Total Acres: 140

Source of Water Supply: groundwater

Water to be used for: irrigation

County: Jerauld

Type of Waste Disposal System:

Location: 2 miles west of Alpena

PRIORITY

Date Received: 8-8-05

Application/License Fee: \$300

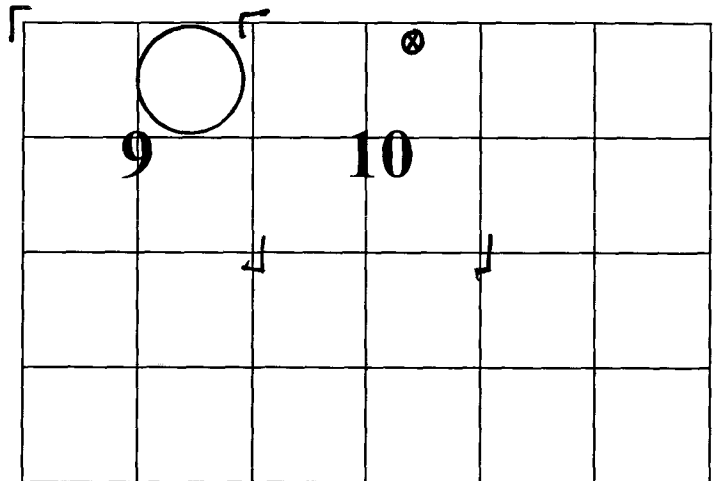
Corrected Application Received:

Period of Annual Use: May 1 – September 31

Remarks: Using existing well authorized by Water Right No. 3266-3

Diversion Point: NW ¼ NE ¼ Sec 10-T108N-R63W

Land to be Irrigated: NE ¼ Sec 9-T108N-R63W



Depth of Well: 62

Well Driller: : Huron Well Drilling

Remarks:

Type of Map: aerial

Prepared by: Mary Johnson, Jerauld Co FSA

Reviewed and the Number Assigned on: 8-10-05

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>6640-3</u>	(office use only) Hydrologic Unit <u>10160011</u>	RECEIVED
	Basin <u>James River</u>		AUG - 8 2005
	Newspaper <u>True Dakotan, Wessington Springs</u>		WATER RIGHTS PROGRAM

COPY

Application For Permit To Appropriate Water For Irrigation

Type of Application: X 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 Scott Losing Phone 849-3449
(check one) Owner X Tenant/lessee
Mailing Address 39159 221st ST Alpena State SD 57312
(Street, RR, or Box and City) (Zip Code)
2. Amount of water claimed 2 *CFS or **GPM ***AF Total Acreage 140
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable
3. Source of water supply Well
4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) NE 1/4 Sec 10-108-63
(NW 1/4 NE 1/4) existing well authorized by Water Right No. 3266-3
County Terauld
5. County or counties where water will be used Terauld
6. Annual period during which water is to be used May - Sept. 31
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 Sec 9-108-63</u>	<u>140</u>		

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

I plan to put a center pivot on the acres designated. The pivot will be centered in the quarter. I would like to run both systems at one time.

STATE OF SOUTH DAKOTA) SS
County of Terauld

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, Scott Losing, the applicant, certify that I have read this application, have examined the attached map and the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature Scott Losing

Subscribed and sworn to before me this 1st day of August 2005

Wyllan Tebay
Notary Public signature

comm. expires: 01-29-10



**SOUTH DAKOTA
WATER PERMIT NO. 6640-3**

Date of first receipt of application August 8, 2005.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6640-3 to Scott Losing, 39159 221st St, Alpena SD 57312 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. 6640-3 appropriates 2.0 cubic feet of water per second from one existing well completed into the Warren:West James Aquifer (62 feet deep) located in the NW ¼ NE ¼ Section 10 to irrigate 140 acres located in the NE ¼ Section 9; all in T108N-R63W.
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 31.
3. The date from which applicant may claim right is August 8, 2005.
4. The date of approval of Permit No. 6640-3 is October 17, 2005.
5. One-fifth of the construction is to be completed on or before April 17, 2008.
6. All construction is to be completed on or before October 17, 2010.
7. Water is to be put to beneficial use on or before October 17, 2014.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

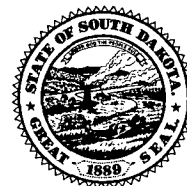
QUALIFICATIONS

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. 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 15 2005
date



Supplemental Information

(type or print in ink)

Please refer to existing water permit for well information.

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 _____

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 _____

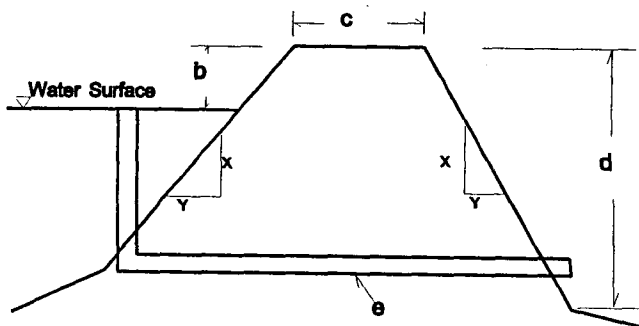
3. Dugout Information

- 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

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date August 10, 20 05

RECEIVED OF Scott Losing, 39159 221st Street, Alpena SD 57312-5424

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

Fee for Application for Permit No. <u>6640-3</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>6640-3</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.

001915

By

Darland Eide

Chief Engineer

gm



Map Not to Scale
 No Official Wetland Determination

Jerauld County, South Dakota

Sec-Twp-Rng: 10-108N-63W

Map Printed: Mar 24, 2005





Map Not to Scale
No Official Wetland Determination

Jerauld County, South Dakota

Sec-Twp-Rng: 9-108N-63W

Map Printed: Mar 24, 2005



HURON DRILLING INC. DRILLERS LOG

PAGE NO.

Olé Hirsch
JOB NAME

NEK-10-108-63-Jerauld
LOCATION County

2/28/77
DATE

14
RIG NO.

Stanley
LeG. and
FOREMAN

DEPTH	TIME	REMARKS
0-12		Coarse Gravel
12-22		Coarse gravel and coarse sand
22-32		Coarse gravel and coarse sand
32-42		Coarse gravel and coarse sand
42-52		Coarse gravel and coarse sand
52-62		Coarse gravel and coarse sand
62-64		Blue clay
		Cased to 62 Ft.
		3 - 10' lengths of 16" Stainless Steel Screen 100 Slot
		32 Fts-15" Solid Plastic
		20 Tons of Gravel

WELL REPORT

Jerauld County

HURON
DRILLING CO.
Huron, S. D.

163

Olé Hirsch
OWNER

NEK-10-108-63

February 28, 1977
DATE

CASING LOG

Depth 62 ft.
Flows gpm 32 ft. 15" PVC Plastic pipe to 32 ft.
Pumps gpm 30 ft. 16" Stainless pipe to 62 ft.
Head ft. Steel Screen 100 slot
30 Ft. Stainless Steel Screen @ bottom
Perforations ft. pipe to ft.

REMARKS

Pressure
1 day
Drilling Time
Rig No. 14
2 = 15 Ft. lengths of 16" Stainless Steel Screen
100 Slot
20 Tons of Gravel

Stanley LeGrand
Foreman

DM

REPORT ON WATER PERMIT APPLICATION NO. 6640-3

For Scott Losing

August 31, 2005

Application No. 6640-3 proposes to appropriate 2.0 cfs (900 gpm) from an existing well approximately 62 feet deep located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of section 10 to irrigate 140 acres located in the NE $\frac{1}{4}$ of section 9, T108N R63W in Jerauld County.

AQUIFER – WARREN WEST JAMES (W-WJ)

The Warren West James is a surficial outwash (sand and gravel) that is under water table conditions in this area. The aquifer underlies 28,200 acres and contains an estimated 106,150 acre-feet of recoverable water in storage in Jerauld County (Hedges, 1982). A more recent estimate based upon better mapping indicates that the aquifer underlies about 60 square miles contains an estimated 150,000 acre-feet of water in storage and recharges at a rate of about 0.7 inches per year (2,200 acre-feet annually) (Hamilton, 1985). The reported water use from the Warren West James aquifer in Jerauld County was about 529 acre-feet for the year 2004. The aquifer extends into Sanborn County to the east and into Beadle County to the north. The direction of water movement appears to be from northwest to southeast across this area of Jerauld County (Hamilton, 1985).

The applicant proposes to use an existing well. The log for this well indicates sand and gravel from near the surface to a total depth of 62 feet. The reported water level was about 13 feet below land surface. During initial testing of the well it was capable of producing 1,000 gpm with about seven feet of drawdown. This equates to a specific capacity of about 139 gpm/ft of drawdown. This is a large specific capacity and if accurate would mean this well is capable of producing the additional amount of water requested by this application.

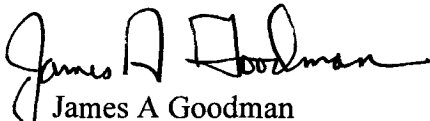
The Water Rights Program monitors three observation wells completed into the Warren aquifer and located within two miles of this application. Water levels for these monitor wells indicate the aquifer responds quickly to climatic conditions, that is, rising during wet years (recharge) and gradually declining during dry years. In general, the water level record indicates the aquifer is capable of sustaining additional withdrawals (Water Rights, 2005). Hydrographs for observation wells JE-77A, JE-77B and JE-77I are included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing water right is No. 3266-3 (the right authorizing the well for this application). The next closest water right is No. 3458-3 located about two miles to the north of the well for this application. Interference is not a concern. Drawdown created by pumping does extend very far from individual production wells in the portion of the aquifer.

CONCLUSIONS

1. Water is available from the Warren Aquifer.
2. The aquifer is under water table conditions in this area. Drawdown created by pumping is not significant. Interference is not a concern.
3. This is an existing well. Information is not available to determine if this well was constructed in accordance with SD Dakota Well Construction Standards.
4. From the original production testing for this well in 1977, it appears the well may be capable of diverting the requested rate of 2.0 cfs in addition to the already licensed rate of 1.64 cfs. Additional testing is recommended to confirm those original estimates and to determine the "present day" condition of the well.



James A Goodman
Natural Resources Engineer

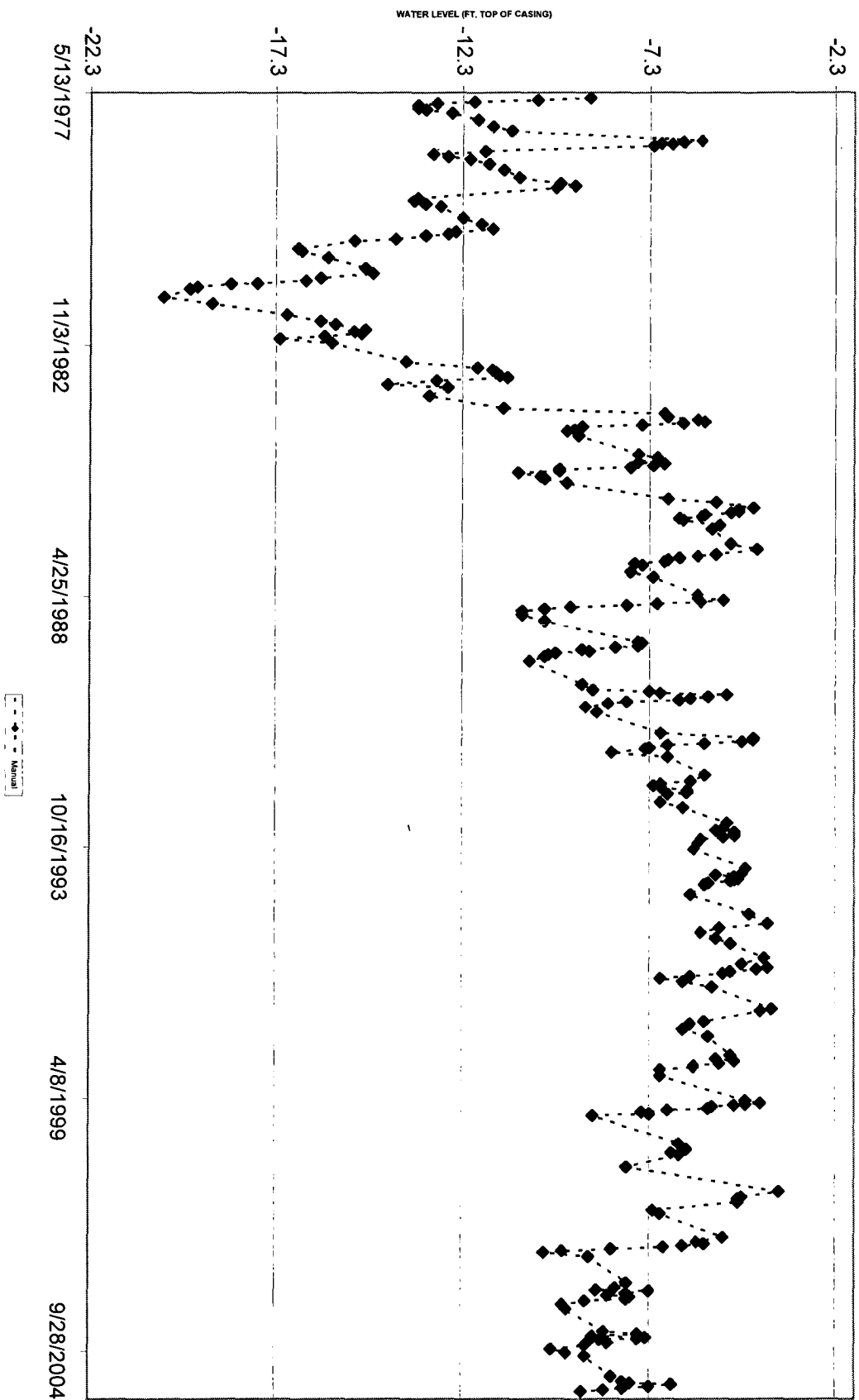
BIBLIOGRAPHY

Hamilton, L.J., 1985, Water Resources of Aurora and Jerauld Counties, South Dakota, Water-Resources Investigations Report 84-4030, USGS, Huron, SD, 57350.

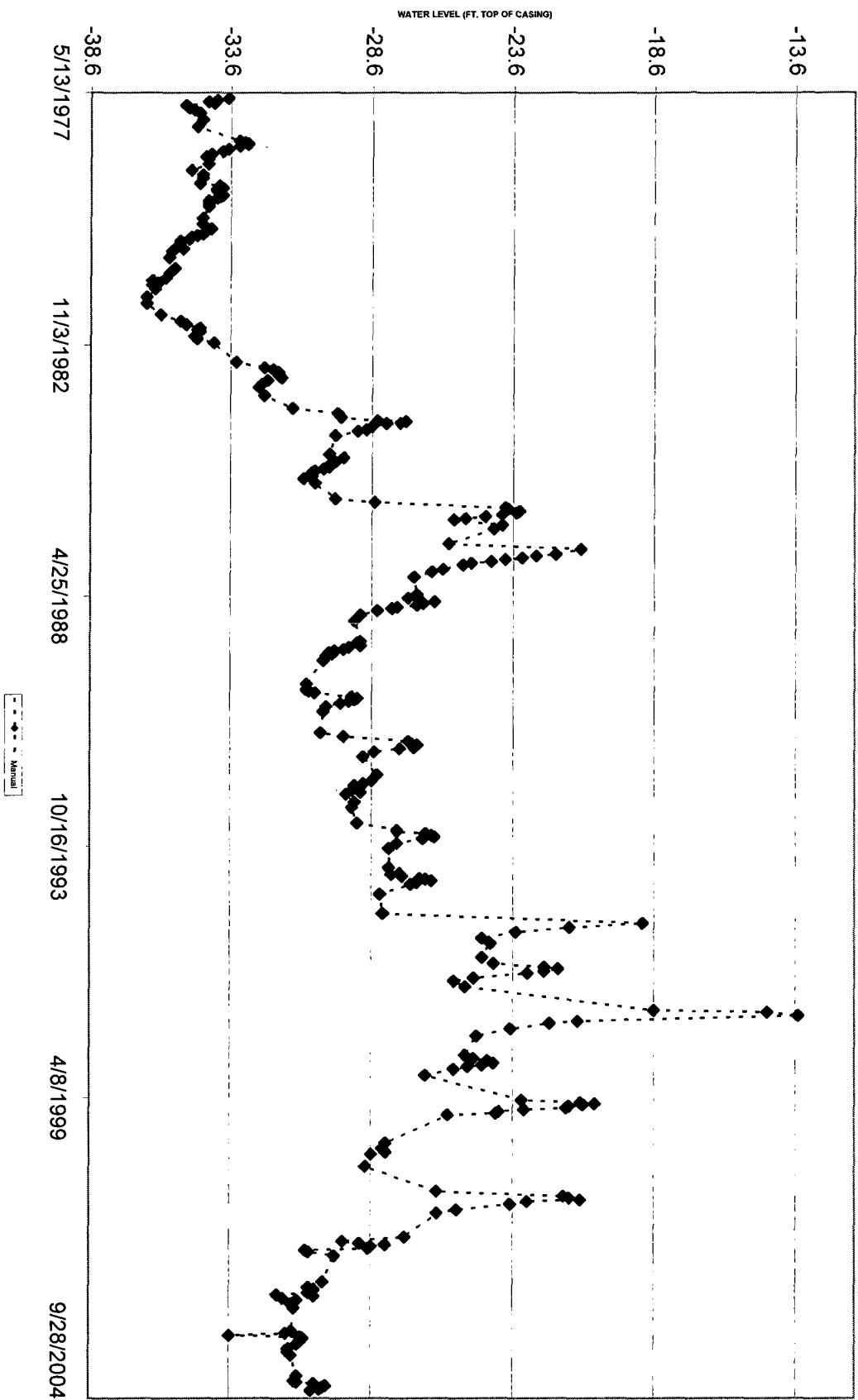
Hedges, L.S., and others, 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River South Dakota and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2005, Unpublished Observation Well Records for the Warren Aquifer, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

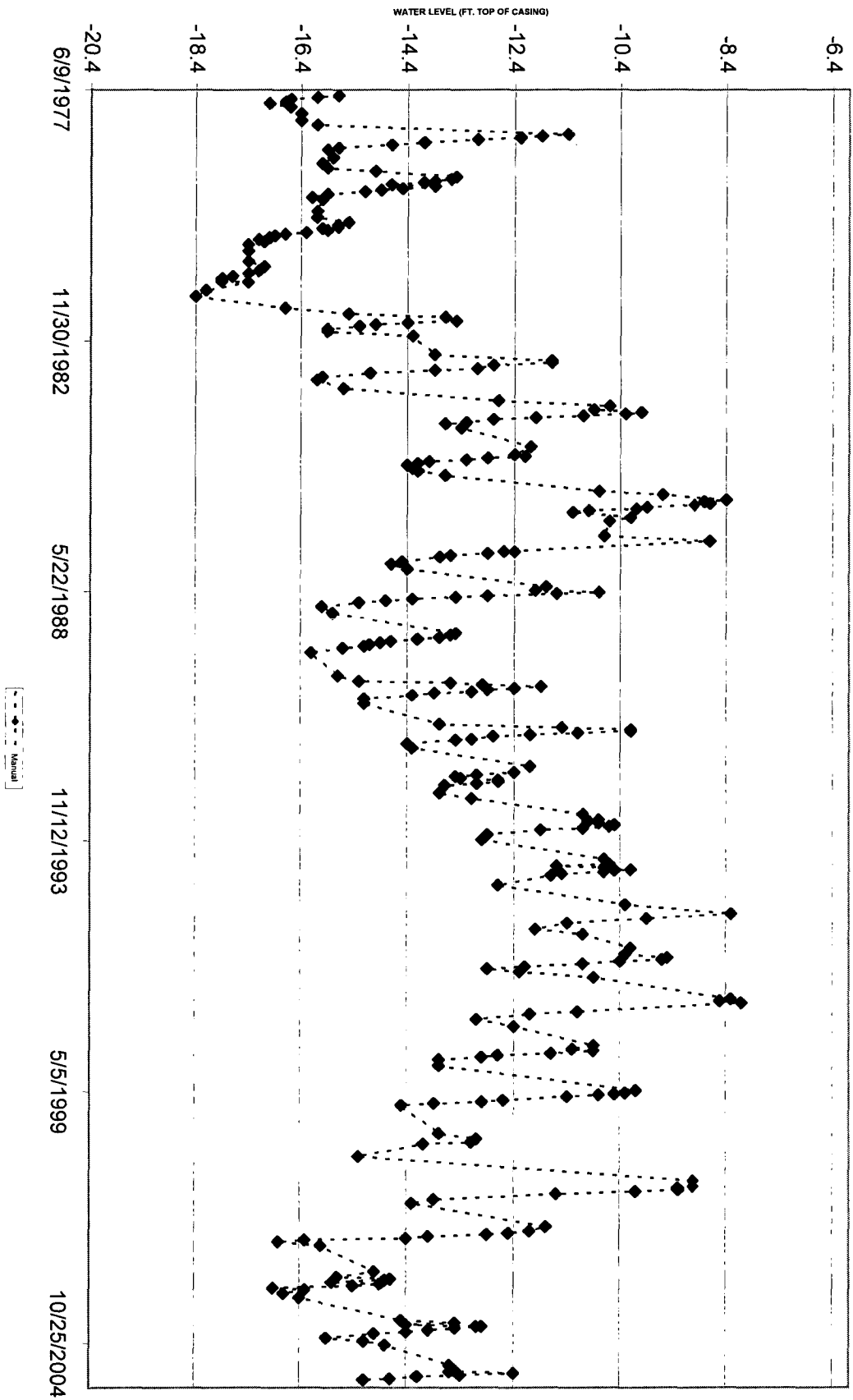
WATER RIGHTS' OBSERVATION WELL
JE-771



WATER RIGHTS' OBSERVATION WELL
JE-77A



WATER RIGHTS' OBSERVATION WELL
JE-77B





**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. 6640-3, Scott Losing**

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. 6640-3, Scott Losing, 39159 221st Street, Alpena SD 57312.

The Chief Engineer is recommending APPROVAL of Application No. 6640-3 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. 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
September 8, 2005

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County of Jerauld) SSI, Karen Wenzel

certify that the attached printed Notice was taken

from the True Dakotanprinted and published in Wessington SpringCounty of Jerauld and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

9-20-059-27-05Cost of Printing \$4408X Karen Wenzel
(Signature)Bookkeeper
(Title)9/29/05
(Date Signed)**NOTICE OF APPLICATION
NO. 6640-3 to Appropriate
Water**

Notice is given that Scott Losing, 39159 221st St, Alpena SD 57312 has filed an application for a water permit to appropriate 2.0 cubic feet of water per second from one existing well completed into the Warren:West James Aquifer (62 feet deep) located in the NW ¼ NE ¼ Section 10 to irrigate 140 acres located in the NE ¼ Section 9; all in T108N-R63W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6640-3 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 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 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 October 7, 2005.

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.

RECEIVED
SEP 30 2005
WATER RIGHTS
PROGRAM



**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.

September 9, 2005

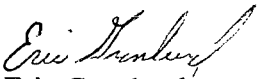
Scott Losing
39159 221st St
Alpena SD 57312

Dear Mr. Losing:

Water Permit Application No. 6640-3 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 True Dakotan printed at Wessington Springs, SD (Ph # 605-539-1281). 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 a 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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

September 9, 2005

True Dakotan
PO Box T
Wessington Springs SD 57382

ATTENTION: Legal Public Notice

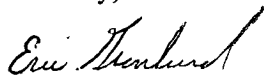
Enclosed is a Notice on Application No. 6640-3 to Appropriate Water to be published twice. Please publish the first notice on September 20, 2005 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 Scott Losing, 39159 221st St., Alpena SD (Ph # 605-849-3449).

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. 6640-3

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

Date _____

We are in receipt of your letter of September 9, 2005 enclosing Notice to Appropriate Water by Application No. 6640-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

Instruction to Newspaper - Publish first Notice on September 20, 2005 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6640-3 to Appropriate Water

Notice is given that Scott Losing, 39159 221st St, Alpena SD 57312 has filed an application for a water permit to appropriate 2.0 cubic feet of water per second from one existing well completed into the Warren:West James Aquifer (62 feet deep) located in the NW ¼ NE ¼ Section 10 to irrigate 140 acres located in the NE ¼ Section 9; all in T108N-R63W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6640-3 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 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 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 October 7, 2005.

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**

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

DEC 15 2005

Scott Losing
39159 221st St
Alpena SD 57312

Dear Mr. Losing:

Enclosed is Water Permit No. 6640-3 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

James River Water District**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, **November 30, 2015**, made a thorough examination of the water use system constructed by **Scott Losing** of **39159 221st St, Alpena, SD** holder of Permit No. **6640-3**, bearing the priority of **August 8, 2005** authorizing the irrigation of **140 acres** using the well at a diversion rate of **2.0** cu. ft. per second from the **Warren: West James aquifer** using a well authorized under Water Right No. 3266-3. Water Right No. 3266-3 authorizes the irrigation of 115 acres in Jerauld County at a diversion rate of 1.64 cu. ft. per sec. with a priority date of October 21, 1976.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

- 1 well 62 feet deep with a 100 hp U.S. Electric motor powering a Goulds 11 inch pump with a capacity of 900 gpm at 95 psi.

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

- 3,045 ft of buried 8 inch PVC pipe from the well to the pivot point of the system authorized by Water Right No. 3266-3 and then 2,650 ft of buried 10 inch PVC pipe to the pivot point of the system authorized by Water Permit No. 6640-3.

C. Works used to apply water to beneficial use:

	Water Right No. 6640-3	Water Permit No. 3266-3
Make	Zimmatic	Lockwood
No. of towers	7	8
Pressure	35 psi	
End gun	Yes	Yes
Capacity	1,000 gpm	900 gpm

The system is in the following condition: **Good**. The point of diversion is located: **1,175 ft. west and 100 ft south of the NE corner Sec. 10-T108N-R63W (NW ¼ NE ¼); 44.18403°, -97.37696°**. The works are capable of diverting and conveying to the place of use **2.0** cu. ft. per second of water which is to be used for **irrigation** purposes. Water has been put to beneficial use to the maximum extent as follows:

Water Permit No. 6640-3		Water Right No. 3266-3	
Sec. 9-T108N-R63W		Sec. 10-T108N-R63W	
NE 1/4 NE 1/4	33	NE 1/4 NW 1/4	24
NW 1/4 NE 1/4	31	NW 1/4 NW 1/4	29
SW 1/4 NE 1/4	32	SW 1/4 NW 1/4	32
SE 1/4 NE 1/4	34	SE 1/4 NW 1/4	30
Total	130	Total	115

comprising a total of **245** acres of land. Water Right No. 3266-3 should be incorporated into Water Permit No. 6640-3 and the license should be issued for a diversion rate **2.0** cu. ft. per sec. A diversion rate of **1.64** cu. ft. per

sec. and the 115 acres authorized by Water Right No. 3266-3 should bear a priority date of October 21, 1976 and a diversion rate of 0.36 cu. ft. per second and the 130 acres authorized by Water Permit No. 6640-3 should bear the priority date of August 8, 2005. Applicable permit qualifications have been complied with Yes. Exceptions to compliance are: None. Is there chemigation: No.

**Comments: While the applicant does not currently chemigate, he may try it in the future. Most of the equipment (i.e. drains, check valves, etc.) associated with chemigation are already in place. He would need to install an interlock for the chemical pump and have a discharge/drain 20 ft. away from the well.

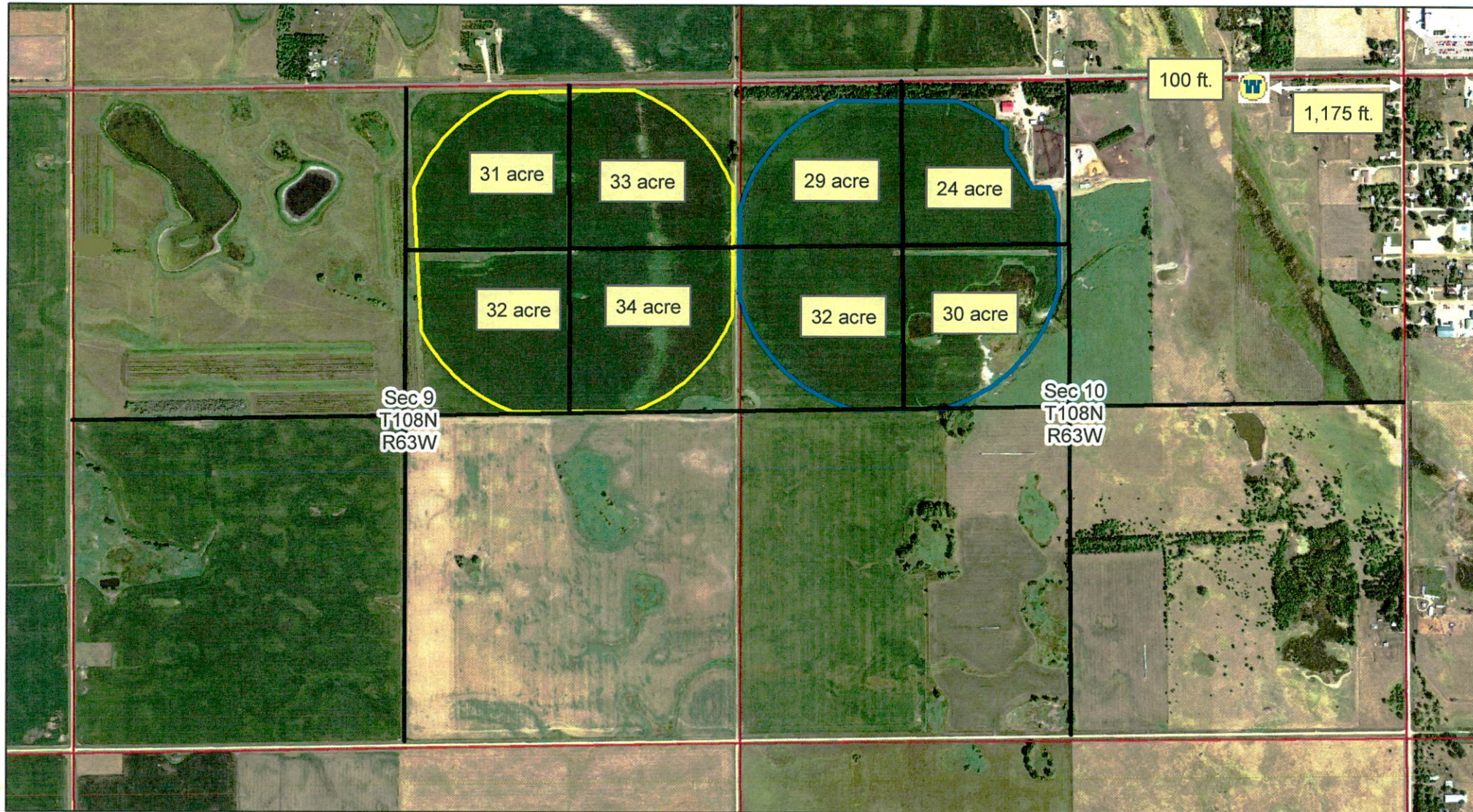
Date: January 29, 2016



Adam Mathiowetz
Natural Resources Engineer
DENR-Water Rights Program

Water Right No. 6640-3 and
Incorporated License No. 3266-3
Scott Losing

January 29, 2016



Adam Mathiowetz

Adam Mathiowetz
Natural Resources Engineer
DENR-Water Rights Program

	Well
	6640-3
	3266-3
	Section Boundaries - PLSS

0.175 0.35 0.7 Miles



6640-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

FEB 23 2016

6640-3
3266-3

Scott Losing
39159 221st St
Alpena SD 57312

Dear Mr. Losing:

Enclosed is Water License No. 6640-3. 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 the owner of an existing well, such as the well authorized by Water Right No. 6640-3, 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.

It is our understanding that you may start applying chemicals or fertilizer through your irrigation system. Enclosed is a copy of Water Management Board rules dealing with chemigation. "Appendix A" shows the minimum requirements for the equipment. If after reading through the rules you have questions concerning placement of the equipment, please contact Ron Duvall with our program at 605 773-3352.

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

Note: Upon licensing, the applicable portions of Water Right No. 3266-3 were incorporated into Water License No. 6640-3.

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6640-3**

(1) Scott Losing, 39159 221st St, Alpena SD 57312 made Application No. 6640-3, August 8, 2005 for a water permit to divert 2.00 cubic feet of water per second (cfs) from ground water, one existing well (Warren West James Aquifer), Jerauld County, South Dakota for irrigation purposes. Permit No. 6640-3, with a priority date of August 8, 2005 was approved October 17, 2005 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before October 17, 2010 and for the application to beneficial use of said water on or before October 17, 2014.

Water Permit No. 6640-3 added to the existing system authorized under Water Right No. 3266-3 by adding diversion authority and a second pivot system using the existing well. Water Right No. 3266-3, with a priority date of October 21, 1976 authorized diversion of 1.64 cfs from one well to irrigate 115 acres. The applicable portions of Water Right No. 3266-3 are being incorporated into this Water License No. 6640-3. The well has a capacity of 2.00 cfs. A priority date of October 21, 1976 will be retained for the original 1.64 cfs and the remaining 0.36 cfs will retain a priority date of August 8, 2005.

(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 2.00 cubic feet of water per second for beneficial use. The location of the diversion point is 1,175 feet west and 100 feet south of the NE corner of Section 10, T108N, R63W (NW ¼ NE ¼).

(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:

Section 9, T108N, R63W – 130 acres
Priority date – August 8, 2005 (6640-3)

NE ¼ NE ¼	33 acres
NW ¼ NE ¼	31 acres
SW ¼ NE ¼	32 acres
SE ¼ NE ¼	34 acres

Section 10, T108N, R63W – 115 acres
Priority date of October 21, 1976 (3266-3)

NE ¼ NW ¼	24 acres
NW ¼ NW ¼	29 acres
SW ¼ NW ¼	32 acres
SE ¼ NW ¼	30 acres

Total acres irrigated - 245

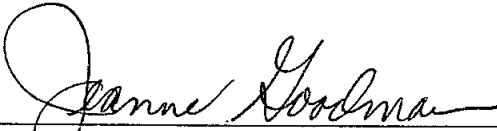
(4) Pursuant to South Dakota Water Law 46-5-30.1 Scott Losing, 39159 221st St, Alpena SD 57312 the holder and/or owner of Incorporated Water Right No. 6640-3 is issued a license to appropriate water, the right to use 2.00 cubic feet of water per second from ground water, one well (Warren West James Aquifer) with priority dates of October 21, 1976 (1.64 cfs & 115 acres) and August 8, 2005 (0.36 cfs and 130 acres) 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. 6640-3 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.

continued

- 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

FEB 23 2016

date

