

WATER PERMIT NO. 2428A-3

Name of Applicant: Lee Gatzke

Address: 18479 389th Ave, Tulare SD 57476 Phone: 266-2790

Amount of Water Claimed: no add'l Total Acres: no add'l

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Spink

Type of Waste Disposal System:

Location: 3 miles east of Tulare

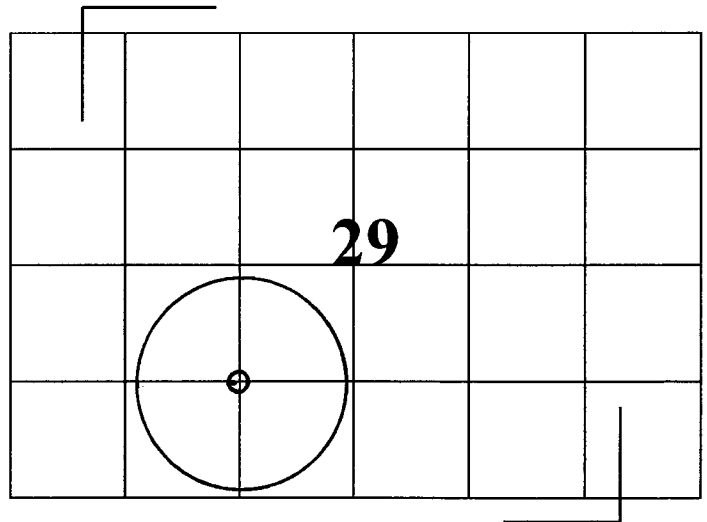
PRIORITY Date Received: 3-28-2000 Fee: \$50

Corrected Application Received: Period of Annual Use: May 1 – October 31

Remarks: Proposing to drill a replacement well and change acreage to that authorized by
Water Right No. 2428-3

Diversion Point: approximate center SW 1/4
Sec 29-T115N-R63W

Land to be Irrigated: SW ¼ Sec 29-T115N-R63W



Depth of Well: 78 feet deep

Well Driller: : Pullman Well Drilling

Remarks:

Type of Map: topo

Prepared by: Eric Gronlund

Reviewed and the Number Assigned on: 3-30-2000

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

SOUTH DAKOTA
WATER PERMIT NO. 2428A-3

Date of first receipt of application March 28, 2000.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2428A-3 to Lee Gatzke, 18479 389th Ave, Tulare SD 57476-7700 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. 2428A-3 authorizes a replacement well and changes acreage authorized by Water Right No. 2428-3. Water Right No. 2428-3 appropriates 1.78 cubic feet of water per second (cfs) from a well located in the center of the S ½ Section 29 to irrigate 136 acres located in the W ½ SE ¼ and E ½ SW ¼ Section 29; all in T115N-R63W. This permit authorizes drilling a replacement well (Tulare:Hitchcock Aquifer) 78 feet deep located in the center of the SW ¼ Section 29 and to change the location of the 136 acres irrigated to the SW ¼ Section 29; all in T115N-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 – October 31.
3. The date from which applicant may claim right is October 30, 1975.
4. The date of approval of Permit No. 2428A-3 is June 5, 2000.
5. One-fifth of the construction is to be completed on or before December 5, 2002.
6. All construction is to be completed on or before June 5, 2005.
7. Water is to be put to beneficial use on or before June 5, 2009.
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 replacement well authorized by Permit No. 2428A-3 shall be constructed by a licensed well driller and construction 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.
4. The well originally authorized by Water Right No. 2428-3 must be plugged in accordance with SD Well Construction Standard 74:02:04:69.

WATER MANAGEMENT BOARD

By: Garland Erbele

Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 20 2000

date





Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only) No. <u>2428A-3</u> Hydrologic Unit <u>1016 000 6</u>
	Basin <u>Dames River</u>
	Newspaper <u>Redfield Press, Redfield, SD</u>

Application For Permit To Appropriate Water For Irrigation

Type of Application: New Vested Right X Amendment/Correction to Permit No. 2428-3
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)
replacement well & change of acreage

- Name of Applicant Lee Gatzke Phone 266-2790
(check one) X Owner Tenant/lessee
Mailing Address 18479 389th Ave Tulare SD State 57476-7700
1.78 no add'l (Street, RR, or Box and City) (Zip Code)
- Amount of water claimed *CFS or **GPM ***AF Total Acreage 136 no add'l
(*Cubic Feet per Second) (**Gallons per Minute) (***) Acre Feet - storage capacity of dam/dugout or annual use if applicable
- Source of water supply ground water
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
approx. center SW 1/4 Section 29, T115N R63W
County Spink
- County or counties where water will be used Spink
- Annual period during which water is to be used May 1 - October 31
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
all in Sect. 29-T115N- (Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
NW SW	34		
NE SW	34		
SW SW	34		
SE SW	34		

8. Give a description of the project. (Attach sheet if more space is needed)
shifting pivot approx 1/4 mile west & replacing well to the center of SW 1/4 Section 29.

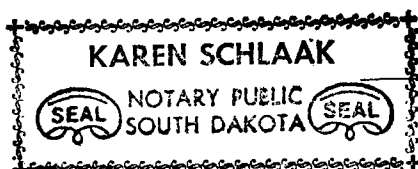
STATE OF SOUTH DAKOTA) SS
County of Hughes

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, Lee Gatzke, 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 [Signature]

Subscribed and sworn to before me this 28th day of March 19 2000



Karen Schlaak
Notary Public signature
KAREN SCHLAACK, Notary Public
My Commission Expires

DNFk - Pierre



FROM : LEE GATZKE
Form 2A
(Complete applicable portions only)

FAX NO. : 6052662790
Supplemental Information

Mar. 17 2000 06:00 PM

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 26 IN. Depth 78 FT.
- b) Casing Type P.V.C. Diameter 16 IN. Thickness .500
- c) Screen Type P.V.C. Diameter 16 IN. Thickness .500
- d) Gravel Pack _____ Length of Gravel Pack 39 FT.
- e) Depth to Top of Water Bearing Material 40 FT.
- f) Depth to Water (ground surface to water level) 22 FT.
- 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 _____

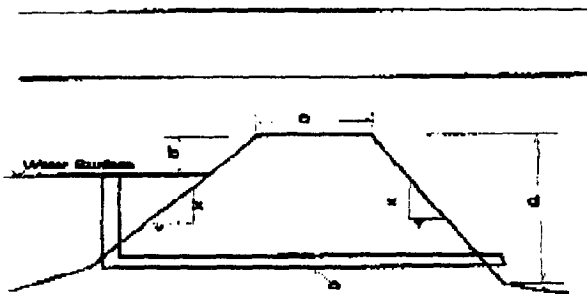
3. Dugout Information

- 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:



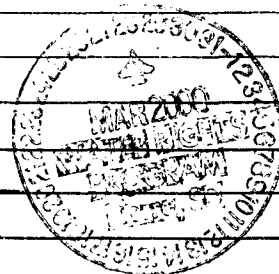
- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage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

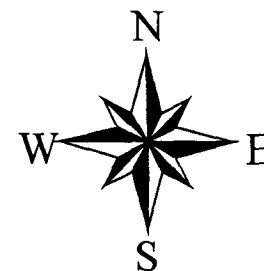
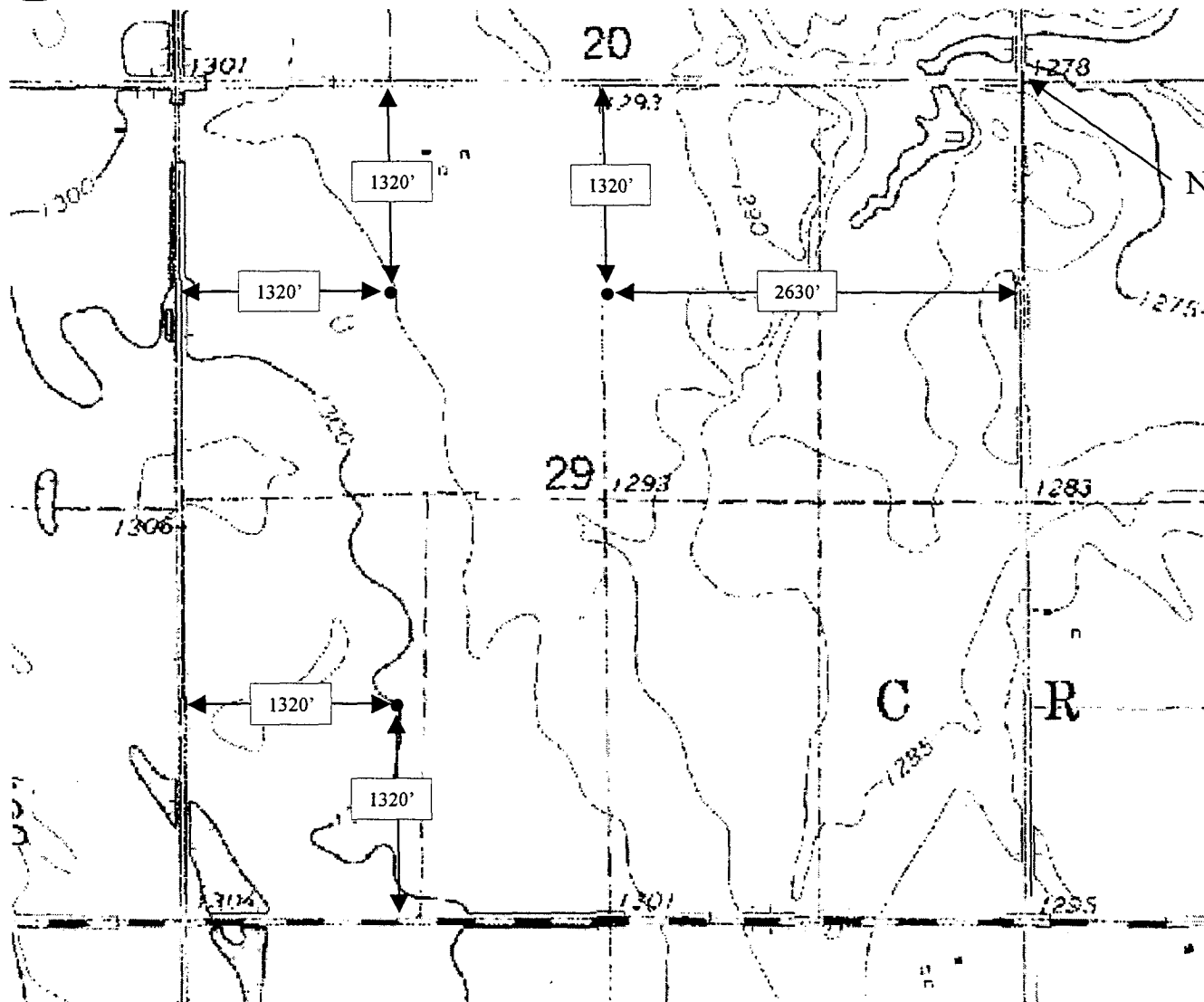
PULLMAN DRILLING — DRILLERS LOG

Phone: 1-800-451-4884

Lee Gotske	Tulame S.D.	12/13/99		JDP
JOB NAME	LOCATION	DATE	RIG NO.	FOREMAN

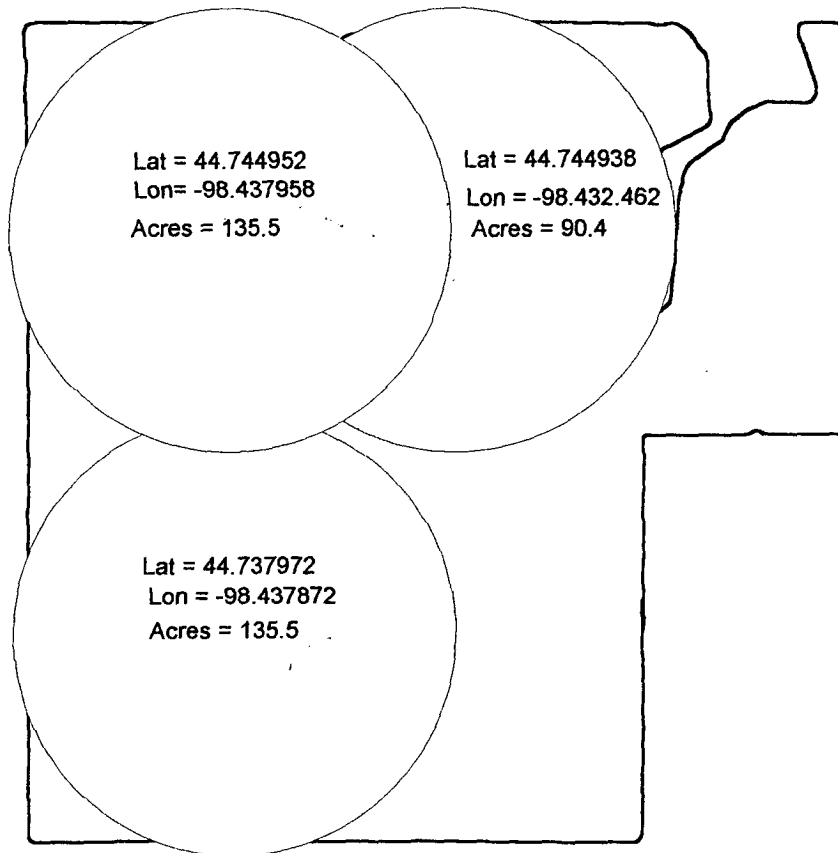
10.	DEPTH	TIME	REMARKS
1	10		0-10 Yellow clay
2	20		10-18 Yellow clay 18-20 Yellow sand
3	30		20-30 Fine Yellow sand
4	40		30-40 Fine gray sand
5	50		40-50 Med fine sand with coal
6	60		50-60 Med sand with coal
7	70		60-68 Med sand 68-70 fine sand
8	78		70-78 Fine sand 78 blue clay
8			
0			
1			Cased up 78'
2			
3			28' of 16" screen ²⁵⁷ slot
4			50' of 16" Blank
5			
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Eric Gronlund
3/28/00

7428A-3



**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2428A-3, Lee Gatzke**

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. 2428A-3, Lee Gatzke, 18479 389th Avenue, Tulare, SD 57476.

The Chief Engineer is recommending APPROVAL of Application No. 2428A-3 because 1) the proposed diversion can be developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use and 3) 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 replacement well authorized by Permit No. 2428A-3 shall be constructed by a licensed well driller and construction 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.
4. The well originally authorized by Water Right No. 2428-3 must be plugged in accordance with SD Well Construction Standard 74:02:04:69.

See report on application for additional information.



Garland Erbele, Chief Engineer
May 4, 2000

REPORT ON WATER PERMIT APPLICATION NOS. 2428A-3 AND 6193-3
for Lee Gatzke
April 24, 2000

Application No. 2428A-3 proposes a replacement well and change of acreage authorized by Water Right No. 2428-3. Water Right 2428-3 appropriates 1.78 cfs (800 gpm) from one well located in the center of the S 1/2 of Section 29 to irrigate 136 acres located in the W 1/2 SE 1/4 and the E 1/2 SW 1/4 of Section 29; all in T115N-R63W. This application proposes drilling a replacement well approximately 78 feet deep located in the center of the SW 1/4 of Section 29 and changes the location of the 136 irrigated acres to the SW 1/4 of Section 29; all in T115N-R63W in Spink County.

Application No. 6193-3 proposes to appropriate 1.78 cfs (800 gpm) from one well approximately 73 feet deep located in the center of the NW 1/4 of Section 29 to irrigate 90 acres located in the NW 1/4 of Section 29; all in T115N-R63W. Portions of the E 1/2 NW 1/4 of Section 29 are covered under Water Right No. 2485-3. When developed, the pivot in the NW 1/4 of Section 29 will make a full rotation and the pivot authorized under Water Right No. 2485-3 will make a partial rotation.

AQUIFER - TULARE HITCHCOCK (T-H)

The Tulare Hitchcock is a surficial outwash (sand and gravel) which is under water table conditions in this area. The aquifer underlies 96,000 acres and contains an estimated 360,000 acre feet of recoverable water in storage in Spink County (Hedges, 1982). The aquifer is hydraulically connected to the Tulare Western Spink aquifer to the west and extends into Beadle County to the south. Ground water movement is from west southwest to east northeast across the area of this application (Hamilton, 1996).

Test well information filed with the application indicates sand beginning at 15 feet and extending to a depth of 78 feet in the NW 1/4 of Section 29, T115N-R63W. The static water level was reported to be about 10 feet below land surface. No actual test pumping data is included with the application.

The Water Rights Program monitors observation wells, SP-80B, SP-78C and SP-82E which are all located within a three mile radius of this application. Water levels for these wells show good correlation with climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years. Hydrographs for these observation wells are included with this report. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2000).

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are three existing water rights within a one mile radius of these applications. The wells for Water Right No. 2592-3 are located about one half mile southwest of the new well proposed for water permit No. 2428A-3. The new well for water permit No. 6193-3 is located about one half

mile north of No. 2428-3. The existing well for Water Right No. 2485-3 is located about one quarter mile east of the proposed well for No. 6193-3. Interference is not a concern. Drawdown created by pumping should be significant very far from the individual production wells. This is shown by the observation well hydrographs.

CONCLUSIONS

1. Water is available from the Tulare Hitchcock aquifer.
2. The aquifer is under unconfined or water table conditions. Drawdown created by pumping is not expected to be significant. The existing spacing between production wells is sufficient to minimize any potential adverse effects. Interference is not a concern.
3. The wells authorized by this applications, if approved, must be constructed in accordance with SD Well Construction Standards.
4. The well under existing water right No. 2428-3 apparently will be abandoned. This well must be plugged in accordance with SD Well Construction Standard 74:02:04:69.



James A Goodman
Natural Resources Engineer

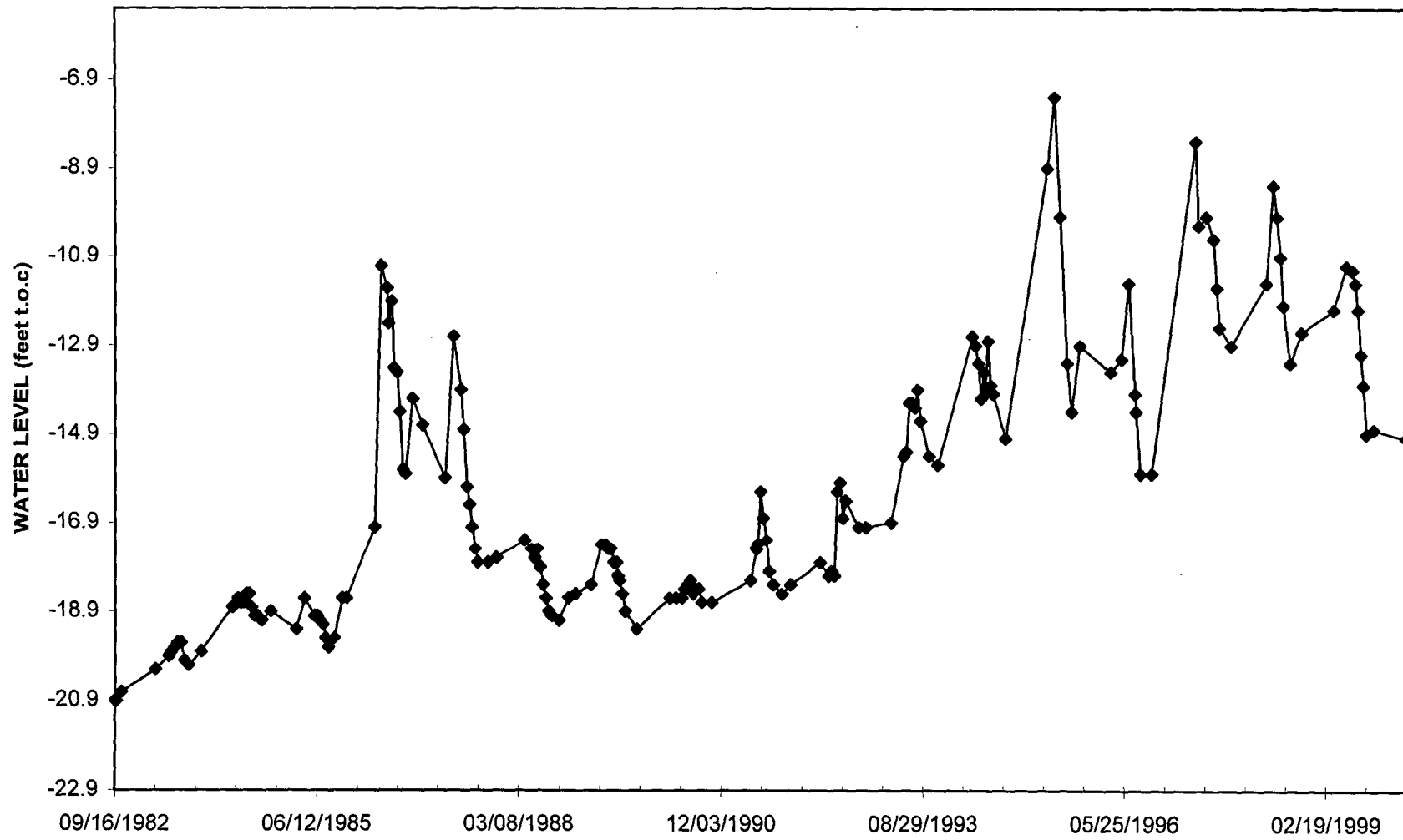
BIBLIOGRAPHY

Hamilton, L.J., L.W. Howells, 1996, Water Resources of Spink County, South Dakota, Water-Resources Investigations Report 96-4056, USGS, Rapid City, SD, 57702.

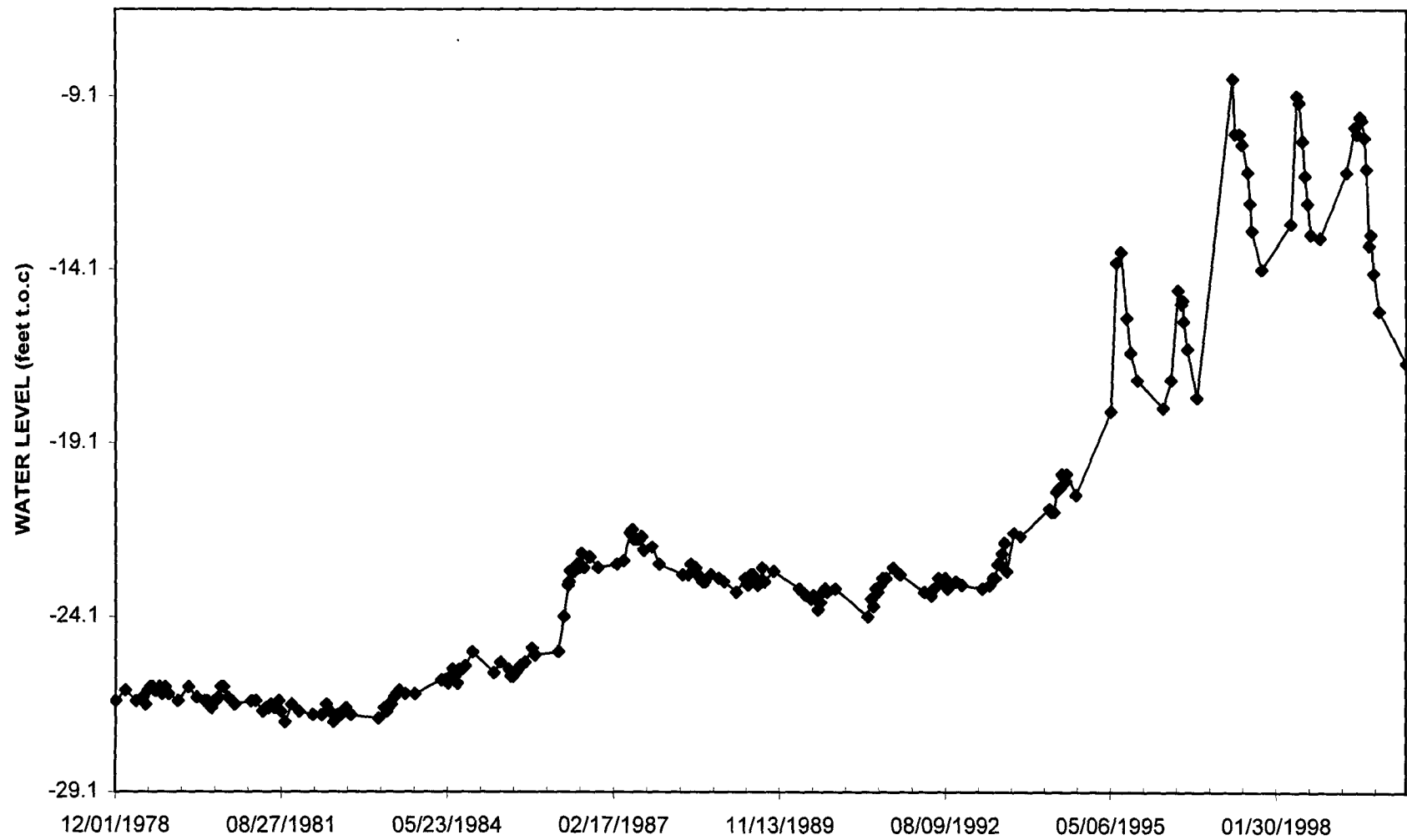
Hedges, L.S., etal, 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2000, Unpublished Observation Well Data for Spink County, SD DENR, Division of Environmental Services, Water Rights Program, Pierre, SD, 57501.

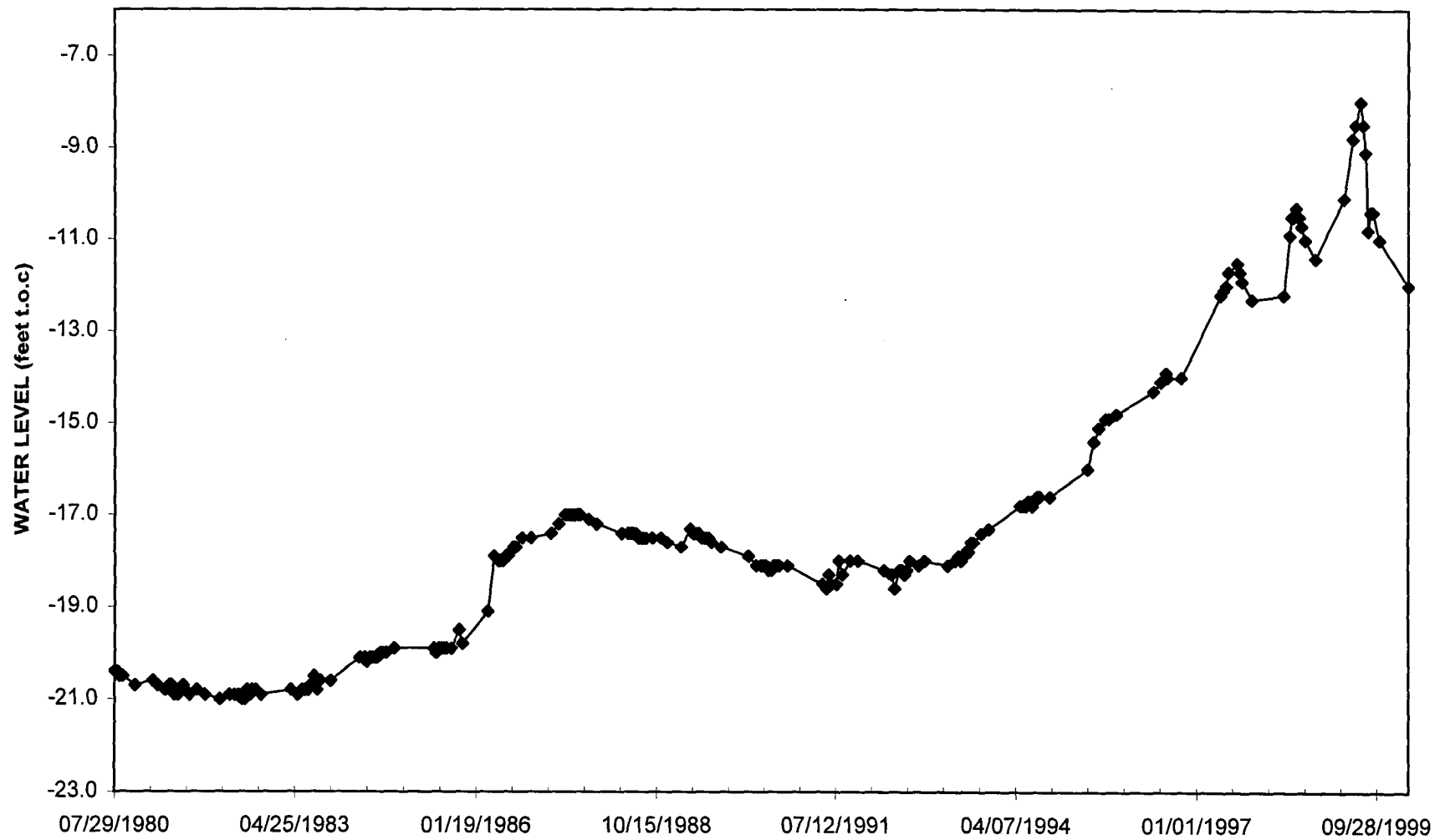
**WATER RIGHTS' OBSERVATION WELL
SP-82E**



**WATER RIGHTS' OBSERVATION WELL
SP-78C**



**WATER RIGHTS' OBSERVATION WELL
SP-80B**





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

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

May 5, 2000

Lee Gatzke
18479 389th Ave.
Tulare, SD 57476

Dear Mr. Gatzke:

Water Permit Application Nos. 2428A-3 and 6193-3 for irrigation use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Redfield Press printed at Redfield, SD (Ph # (605) 472-0822). For your information, a copy of the notice, the recommendations of the Chief Engineer and a report 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 of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the applications.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

c: Garrett Dykstra, Dakota Airy Spray, P.O. Box 648, Huron, SD 57350

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 applications.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

May 5, 2000

Redfield Press
Box 440
Redfield, SD 57469-0440

ATTENTION: Legal Public Notice

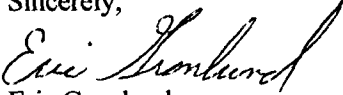
Enclosed is a Notice of Hearing on Application Nos. 2428A-3 and 6193-3 to Appropriate Water to be published twice. Please publish the first notice on May 17, 2000, with the second publication 7 days later.

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 Lee Gatzke, 18479 389th Ave., Tulare, SD 57476 (Ph # (605) 266-2790).

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

-----CU T HERE-----

Nos. 2428A-3 & 6193-3

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

Date _____

We are in receipt of your letter of May 5, 2000, enclosing Notice of Hearing to Appropriate Water by Application Nos. 2428A-3 & 6193-3 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 May 17, 2000, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6193-3 and 2428A-3 to Appropriate Water
to Amend Water Right No. 2428-3

Notice is given that Lee Gatzke, 18479 389th Ave, Tulare has filed the following applications for a water permit. Application No. 2428A-3 proposes a replacement well and change of acreage authorized by Water Right No. 2428-3. Water Right No. 2428-3 appropriates 1.78 cubic feet of water per second (cfs) from a well located in the center of the S $\frac{1}{2}$ Section 29 to irrigate 136 acres located in the W $\frac{1}{2}$ SE $\frac{1}{4}$ and E $\frac{1}{2}$ SW $\frac{1}{4}$ Section 29; all in T115N-R63W. This application proposes drilling a replacement well (Tulare:Hitchcock Aquifer) 78 feet deep located in the center of the SW $\frac{1}{4}$ Section 29 and to change the location of the 136 acres irrigated to the SW $\frac{1}{4}$ Section 29; all in T115N-R63W.

Application No. 6193-3 proposes to appropriate 1.78 cfs from one well (Tulare:Hitchcock Aquifer) 73 feet deep located in the center of the NW $\frac{1}{4}$ Section 29 to irrigate 90 acres located in the NW $\frac{1}{4}$ Section 29; all in T115N-R63W. Portions of the E $\frac{1}{2}$ NW $\frac{1}{4}$ Section 29 are covered under Water Right No. 2485-3. When developed the pivot in the NW $\frac{1}{4}$ Section 29 will make a full rotation and the pivot authorized under Water Right No. 2485-3 will make a partial rotation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 2428A-3 and 6193-3 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 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 applications. 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 June 5, 2000.

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. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.



Affidavit of Publication

STATE OF SOUTH DAKOTA

County of Spink

SS

I, Billy L. Hanson, of said County and State, being first duly sworn on oath, say that THE REDFIELD PRESS is a legal weekly newspaper as defined in Sec. 65.0508 South Dakota Code 1939, as amended by Chapter 298 of the Session of Laws of 1939, printed and published in the English language in the City of Redfield, in said County and State, by THE REDFIELD PRESS, and has been such newspaper during the time hereinafter mentioned, and that I Billy L. Hanson, the undersigned, am Publisher of said newspaper in charge of the advertising department thereof, and have personal knowledge of all the facts stated in this affidavit, and that the legal or official notice entitled:

#41 Water application - Lee Gatzke

a printed copy of which is hereto attached, was printed and published in said newspaper in _____ successive issues, to wit:

The first publication being made on May 17 2000
2nd May 24 2000 5th 20
3rd 20 6th 20
4th 20 7th 20

that the full amount of the fee charged for publishing the same to-wit: the sum of \$ 46.98, insures to the benefit of the publisher of THE REDFIELD PRESS, that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever.

Billy L. Hanson

Subscribed and sworn to before me this 25th day of May, 2000.

Deborah M. Reenbo

Notary Public, Spink County, South Dakota

address or 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. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

(May 17, 24)

Notice of Application No. 6193-3 and 2428A-3 to Appropriate Water to Amend Water Right No. 2428-3

No. 41

Notice is given that Lee Gatzke, 18479 389th Ave, Tulare has filed the following applications for a water permit. Application No. 2428A-3 proposes a replacement well and change of acreage authorized by Water Right No. 2428-3. Water Right No. 2428-3 appropriates 1.78 cubic feet of water per second (cfs) from a well located in the center of the S 1/2 Section 29 to irrigate 136 acres located in the W 1/2 SE 1/4 and E 1/2 SW 1/4 Section 29; all in T115N-R63W. This application proposes drilling a replacement well (Tulare-Hitchcock Aquifer) 78 feet deep located in the center of the SW 1/4 Section 29 and to change the location of the 136 acres irrigated to the SW 1/4 Section 29; all in T115N-R63W.

Application No. 6193-3 proposes to appropriate 1.78 cfs from one well (Tulare-Hitchcock Aquifer) 73 feet deep located in the center of the NW 1/4 Section 29 to irrigate 90 acres located in the NW 1/4 Section 29; all in T115N-R63W. Portions of the E 1/2 NW 1/4 Section 29 are covered under Water Right No. 2485-3. When developed the pivot in the NW 1/4 Section 29 will make a full rotation and the pivot authorized under Water Right No. 2485-3 will make a partial rotation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 2428A-3 and 6193-3 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 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 applications. 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 June 5, 2000.

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUN 20 2000

Lee Gatzke
18479 389th Ave.
Tulare, SD 57476-7700

Dear Mr. Gatzke:

Enclosed are Water Permit Nos. 2428A-3 and 6193-3 authorizing construction of your water diversion system 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 these completed forms after you have finished the system 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

NOTICE OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE

Date 8-1-00

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

FROM: Lee GATZKE
(name)
18479 389TH AV.
(address)
Tulane S.D. 57476
(city, state, zip)

605-266-2790
(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.

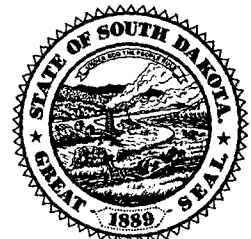
Water Permit No. 2428A-3 states that the water use system is to be constructed by June 5-2005
Dec 5-2 (date), and water is to be put to beneficial use by June 5-2005 (date).

The water use system was completed on June 15-00 (date).

Applying the water to beneficial use was completed on July 1-00 (date).

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

[Signature]
(signature)



Permit No. 2428A-3
James River - Water District

Other permit/license(s) associated with project: 2428-3, 2485-3, & 6193-3
Contact Person & Address: Lee Gatzke, 18479 389th Ave, Tulare SD 57476

Report Of Examination Of Works

On, June 27, 2001, I made a thorough examination of the water use system constructed by Lee Gatzke of 18479 389th Ave, Tulare SD 57476 holder of Permit No. 2428A-3, bearing the priority of October 30, 1975, authorizing the replacement well and change of irrigated acreage and Permit No. 2428-3, bearing the priority of October 30, 1975, authorizing the diversion of 1.78 cu. ft. per second of the waters for irrigation purposes, in Spink County.

The system is in the following condition good. The point of diversion is located Well: from the SW corner of Section 29 T115N-R63W it is 1718 feet east and 1768 feet north with a longitude of -98.436446 and a latitude of 44.739041. The works are capable of diverting and conveying to the place of use 1.78 cu. ft. per second of that is to be used for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows:
All land is in Section 29 T115N-R63W

NE ¼ SW ¼ = 34 Acres
SE ¼ SW ¼ = 34 Acres
SW ¼ SW ¼ = 34 Acres
NW ¼ SW ¼ = 34 Acres

comprising a total of 136 acres of land and the license should be issued for 1.78 cfs.

Review of Permit Qualifications And Regulations:

- 1) Special qualifications to permit being abided by yes
- 2) All structures, wells and lands on map yes
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period yes
- 4) Exceptions to compliance are: none

Report On the Specifics of the System

Diversion Point Information:

- | | |
|--|-------------------------------------|
| 1) Well Drilling Firm: <u>Pullman Drilling</u> | 2) No. of Wells <u>1</u> |
| 3) Depth(s) <u>78</u> feet | 4) Well log is available <u>yes</u> |

Casing:

- | | |
|------------------------------|--------------------------|
| 1) Diameter <u>16</u> inches | 2) Length <u>28</u> feet |
|------------------------------|--------------------------|

3) Type PVC

Screen:

1) Type PVC

2) Length unknown feet

3) Static water level 22 feet

Pump\ Motor:

1) Pump Make Ertiline AP

2) Pump Model unknown

3) Capacity 800 GPM

4) Motor Make High Thrust

5) Motor Model No. ID 8887-05-651 N-500 3865 R-2090151 6) Horsepower rating 40 hp

Distribution System:

1) Type PVC 2) Size 8 inches 3) Length 247 feet

System Type:

Center pivot:

1) Make Zimmatic

2) Overall length 1320 feet

3) Number of towers 7

4) End gun yes

5) High or low pressure low

6) Capacity 800 GPM

Chemigation:

1) Does chemigate no

COMMENTS: Pump has been rebuilt. Lee plans on having well with Water Right No. 2428-3 plugged this fall.

Stacy J. Johnson

Stacy J. Johnson
Natural Resources Project Engineer
DENR, Water Rights Program

7-31-01
Date

Section 29 T115N-R63W

Well from the SW corner it is 1718 feet east and
1768 feet north

Irrigated Lands

NE 1/4 SW 1/4 = 34 Acres

SE 1/4 SW 1/4 = 34 Acres

SW 1/4 SW 1/4 = 34 Acres

NW 1/4 SW 1/4 = 34 Acres

Total Irrigated Acres = 136 Acres



Well



0.3 0 0.3 Miles

Stacy J Johnson 7-30-01

Stacy J Johnson
Natural Resources Engineer
SD DENR Water Rights Program

2428A-3

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2428A-3

(1) Lee Gatzke, 18479 389th Ave, Tulare SD 57476 made Application No. 2428A-3, March 28, 2000 for a replacement well and to change acreage authorized by Water Right No. 2428-3 located in Spink County, South Dakota for irrigation purposes. Permit No. 2428A-3, with a priority date of October 30, 1975 (authorized by Water Right No. 2428-3) was approved June 5, 2000 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before June 5, 2005 and for the application to beneficial use of said water on or before June 5, 2009.

The permit holder submitted a *Notice of Completion of Works and Application of Water to Beneficial Use* on August 7, 2000. The *Notice* stated the diversion system was completed on June 15, 2000 and the water placed to beneficial use on July 1, 2000.

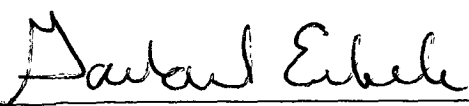
The applicable portions of Water Right No. 2428-3 are incorporated into this water license.

(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 1.78 cubic feet of water per second for beneficial use. The location of the diversion point is 1,718 feet east and 1,768 feet north of the SW corner of Section 29-T115N-R63W (NE ¼ SW 1/4).

(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 29-T115N-R63W	NE ¼ SW ¼	34 acres
	SE ¼ SW ¼	34 acres
	SW ¼ SW ¼	34 acres
	NW ¼ SW ¼	34 acres
Total 136 acres		

(4) Pursuant to South Dakota Water Law 46-5-30.1 Lee Gatzke, 18479 389th Ave, Tulare SD 57476 the holder and/or owner of Incorporated Water Right No. 2428A-3 is issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from groundwater (one well) with a priority date of October 30, 1975 from the location specified in (2) of this license. The water to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Incorporated Water Right No. 2428A-3 and subject to South Dakota State Law.


GARLAND ERBELE, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

AUG 13 2001

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

AUG 13 2001

2428A-3

Lee Gatzke
18479 389th Ave.
Tulare, SD 57476

Dear Mr. Gatzke:

Enclosed is Water License No. 2428A-3. This is the final water right document completing your process of obtaining a Water Right.

As long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water.

Sincerely,

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

NOTE: The applicable portions of No. 2428-3 are incorporated into Water License No.2428A-3.

enclosures

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

N2 416445

Pierre, _____ March 28, 2000

RECEIVED OF Mr. and Mrs. Lee Gatzke, 18479 - 389th Ave., Tulare, SD 57476-7700
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>2428^A-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	50	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>2428^A-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	100 00

By Harold Libble
Chief Engineer



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

October 23, 2025

2428A-3, 6336-3, 6764-3
7290-3, 7291-3, 6337-3

Lee Gatzke
2815 S Westlake Dr, Apt 439
Sioux Falls SD 57106

Dear Mr. Gatzke:

Enclosed is a "Notice" dated October 8, 2025, concerning the 2025 Irrigation Questionnaire.

The notice was originally mailed to you at 18479 389th Ave, Tulare SD 57476. The post office notified our office that your address has changed, and your records have been updated accordingly.

This is a time sensitive matter. Please complete and return the enclosed questionnaire or submit your report online at <https://danr.sd.gov/iq/> using this password **FSSUNL**.

If this change of address is in-correct, please contact our office immediately to update your contact information.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosures

353 N/E 18CUE24C2210/19/25
RETURN TO SENDER
GATZKE
2815 S WESTLAKE DR APT 439
SIOUX FALLS SD 57106-8537
RETURN TO SENDER