

Considered: _____

WATER PERMIT NO. 2419A-3

Phone: 873-2556

Name of Applicant: Lawrence F. Spilde

Post Office Address: Box 46, Estelline SD 57234

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

Source of Water Supply: groundwater

Water to be used for: irrigation County: Hamlin

About 2 miles N, 2W of Estelline

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

F.F.& G./L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY Date Received: 1-7-92 Fee: \$50 Remarks change

location of the diversion point on Water Permit No. 2419-3

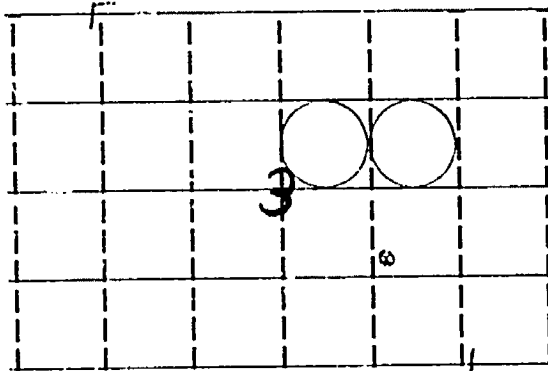
Corrected Application Received _____ Period of Annual Use April 1 - October 31

WATER QUALITY APPROVAL RECEIVED 3-9-92 APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES _____ NO _____ REMARKS _____

Diversion Point: NE 1/4 SE 1/4 Sec 3-T113N-R51W

Land to be Irrigated: S 1/2 NE 1/4 Sec 3-T113N-R51W



Well Log: Driller: Bullis Brothers Licensed YES X NO _____

Depth of Well: 50' REMARKS no well log available - there is a log for the second well drilled which is located near the third well location

Type of Map: aerial PREPARED BY: Norma Job Reviewed and the Number

Assigned on 2-9-92 By Karen Schlaak

Mail to: Water Rights Div.
523 E. Capitol
Pierre, SD 57501
(605) 773-3352



No. 2419A-3 Hydrologic Unit 10170202
Basin Big Sioux River
Newspaper Estelline Journal, Box 159 (Thurs)

873-2475

Soil/Water Compatibility Permit and Permit To Appropriate Water

- ☐ New ☐ Vested Right ☐ Amend Permit No. _____
☐ Change Acreage ☒ Change diversion point(s) ☐ Add diversion point(s)
☐ Add Acreage ☐ Increase diversion rate ☐ Other See permit No. 2419-3

1. Name of Applicant Lawrence F. Spilde Phone No. 873-2556
Box 46, Estelline State S.D. Zip Code 57234
(Street, R.R. or Box) (City)

2. Amount of water claimed (c.f.s) no add'l Total acres irrigated no add'l

3. Source of Water supply well

4. Location of point of diversion NE 1/4 SE 1/4 Sec 3 - T113N-R51W

County Hamlin

5. Counties where water will be used Hamlin

6. Annual period during which water is to be used April 1 - October 31

7. List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.
SW 1/4 NE 1/4	36
SE 1/4 NE 1/4	34
Section 3 - T113N-R51W	

Land Description	No. Acres Irr.

Attach sheet if more space is needed

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: X Gun: _____ Other: _____
 (Specify)

9. Crops to be Irrigated: Corn or alfalfa or wheat or oats

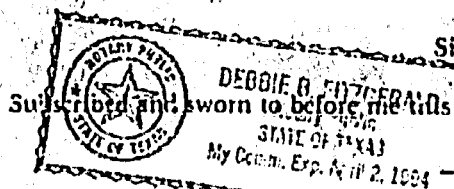
10. Give a description of proposed project. (Attach sheet if more space is needed)

This permit is to correct the location of the well permitted in
Water Permit No. 2419-3.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach maps, soils information and any other technical information.

STATE OF SOUTH DAKOTA
County of Hamlin

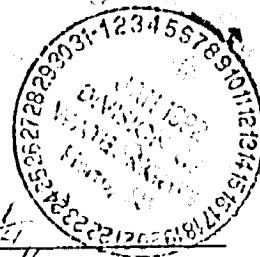
I, Lawrence F. Spilde, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is truly representative of the water to be used, and that the matters stated in this application are true and correct.



Signed Lawrence F. Spilde
Debbie B. Fitzgerald
 Notary Public

Supplemental Information

(type & print in ink)



1. Well Information - Proposed construction

- a) Drill Hole Diameter 2 1/2" Depth 50'
- b) Casing Type steel Diameter 1 1/2" Thickness 1/4"
- c) Screen Type Johnson #1-80 Diameter 1 1/2" Thickness 1/4"
- d) Gravel Pack Thickness 6" Length of Gravel Pack 30'
- e) Depth to Top of Water Bearing Material 15'
- f) Depth to Water (ground surface to water level) 15'
- g) Distance to nearest existing domestic well:
 On applicants property 5 miles On property owned by others 3/4 mile

2. Dugout Information Estimates

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

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should 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 _____

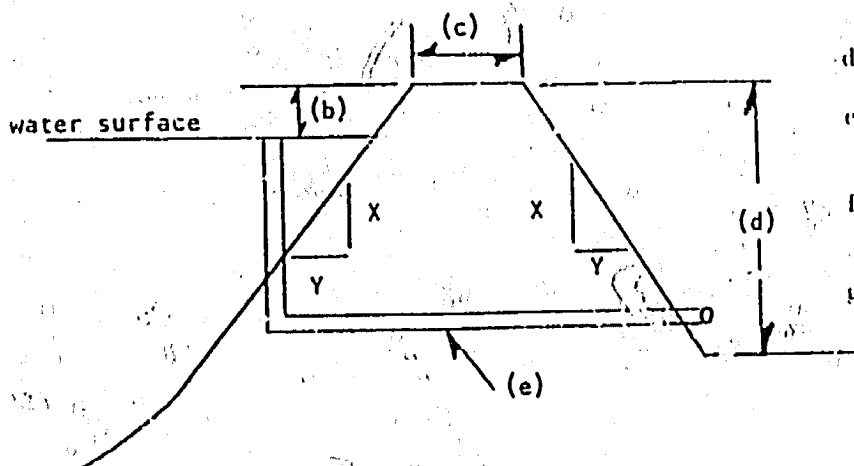
g) X & Y Slope
 Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2419A-3

(1) Lawrence F. Spilde of Box 46, Estelline, SD 57234 made Application No. 2419A-3, January 7, 1992 for a water permit to appropriate no additional cubic feet of water per second from groundwater (one well), Hamlin County, South Dakota for irrigation purposes. Permit No. 2419A-3 with a priority date of October 15, 1975 (established under Water Permit No. 2419-3) was approved May 6, 1992 and issued to applicant(s) for diversion of water with construction of the described water supply system completed and the application to beneficial use of said water completed.

Water Permit No. 2419A-3 specifies the correct location of the well authorized by Water Permit No. 2419-3. No. 2419A-3 did not allow for an increase in diversion rate or acreage irrigated.

The applicable portions of Water Permit No. 2419-3 have been incorporated into this Water License No. 2419A-3. An October 15, 1975 date is retained.

(2) It is certified that the applicant 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 1.00 cubic feet of water per second for beneficial use. The location of the diversion point is: 1385'W and 1520'N of the SE corner of Section 3, T113N, R51W (NW 1/4 SE 1/4).

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

T113N, R51W Section 3	SW 1/4 NE 1/4	36 Acres
	SE 1/4 NE 1/4	34 Acres
	Total-----	70 Acres

(4) Pursuant to Section 46-5-30.1 Lawrence F. Spilde of Box 46, Estelline, SD 57234 the holder(s) and/or owner(s) of Incorporated Water Permit No. 2419A-3 is issued a license to appropriate water, the right to use 1.00 cubic feet of water per second from groundwater (one well) with a priority date of October 15, 1975

from the location specified in (2) of this license. The water is 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 Permit No. 2419A-3 and subject to South Dakota State Law.



AUG 18 1992

JOHN HATCH, Chief Engineer
Water Rights Division
Department of Environment and
Natural Resources

SOUTH DAKOTA
WATER PERMIT No. 2419A-3 FOR IRRIGATION

Date of first receipt of application January 7, 1992.
Date Soil/Water Compatibility Permit received March 9, 1992.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2419A-3 to Lawrence F. Spilde, Box 46, Estelline SD 57234 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. 2419A-3 specifies the correct location of the well authorized by Water Permit No. 2419-3. Water Permit No. 2419-3 appropriates 1.14 cubic feet of water per second (cfs) for irrigation of 79 acres located in the S 1/2 NE 1/4 Section 3 from one well located in the NE 1/4 SW 1/4 Section 3; all in T113N-R51W. An inspection of Permit No. 2419-3 found 1 well, 50 feet deep, constructed and supplying 1.0 cfs to irrigate 70 acres. The correct location of the well is the NE 1/4 SE 1/4 Section 3-T113N-R51W. No increase in diversion rate or number of acres being irrigated is authorized by this permit.
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: April 1 - October 31.
3. The date from which applicant may claim right is October 15, 1975.
4. The date of approval of Permit No. 2419A-3 is May 6, 1992.
5. 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: _____

John Hatch
Chief Engineer, Water Rights Division
Department of Environment and Natural Resources

AUG 7 1992

date

REPORT ON WATER PERMIT APPLICATION NO. 2419A-3
MARCH 18, 1992
LAWRENCE F. SPILDE

Application No. 2419A-3, Lawrence F. Spilde, is to specify the correct location of the well authorized by Water Permit No. 2419-3. Water Permit No. 2419-3 appropriates 1.14 cubic feet of water per second (cfs) for irrigation of 79 acres located in the S 1/2 NE 1/4 Section 3 from one well located in the NE 1/4 SW 1/4 Section 3; all in T113N-R51W. An inspection of Permit No. 2419-3 found 1 well, 50 feet deep, constructed and supplying 1.0 cfs to irrigate 70 acres. The correct location of the well is the NE 1/4 SE 1/4 Section 3-T113N-R51W. No increase in the diversion rate or number of acres being irrigated is requested by this application.

AQUIFER - Big Sioux-Brookings (BS-B)

The Big Sioux - Brookings (BS-B) underlies 88,500 acres and contains 331,880 acre-feet of recoverable water in Hamlin County (Hedges, 1982). The BS-B consists of a surficial outwash (sand and gravel) and is composed mostly of glacial meltwater stream deposits and collapsed outwash. The aquifer varies from 0-123 feet in thickness but averages about 30 feet (Kume, 1985). The BS-B is under water table conditions in this area. The Division of Water Rights monitors 21 observation wells completed into the BS-B Aquifer in Hamlin County. Water levels in these wells respond seasonally to climatic conditions (Water Rights, 1992).

REVIEW OF EXISTING WATER PERMITS/RIGHTS

This application is to correct the location of the diversion point and should not cause adverse effects on water right/permit holders in the area.

CONCLUSIONS

1. Water is available from the BS-B Aquifer.
2. This application is to correct the location of the diversion point. Drawdowns caused by pumping should not significantly affect other wells in the area.
3. Records for the BS-B aquifer indicate water levels are dependent upon climatic conditions and that the aquifer is easily supplying the existing diversions.
4. If this application is approved, it should contain the following qualification:
Subject to the irrigation water use questionnaire being submitted each year.

5. If this application is approved, Water Permit No. 2419-3 and this application should be incorporated into one Water License No. 2419A-3 for the irrigation of 70 acres using 1 cfs.
6. The applicant informed this office that there were two wells drilled previous to the current production well which have been abandoned and plugged.

Norma C. Job

NORMA C. JOB
Natural Resources Engineer I

Approved by:

James A. Goodman

JAMES A. GOODMAN, PE
Natural Resources Engineer IV

REFERENCES

- Hedges, L.S. 1982, Evaluation of Ground Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corp of Engineers, SD DWR, SDGS, Vermillion, SD 57069.
- Kume, J., 1985, Water Resources of Deuel and Hamlin County, South Dakota, USGS WRI 84-4069, USGS, Huron, SD 57350.
- Water Rights, 1992, BS-B Aquifer Observation Wells in Hamlin County, SD, SD DENR, Division of Water Rights, Joe Foss Bldg, Pierre, SD 57501.

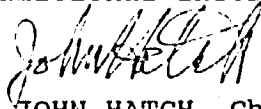
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2419A-3, Lawrence Spilde

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 2419A-3, Lawrence Spilde, Box 46, Estelline, SD 57234.

The Chief Engineer is recommending APPROVAL of Application No. 2419A-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) 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.



JOHN HATCH, Chief Engineer
March 26, 1992



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

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

March 30, 1992

Lawrence F Spilde
Box 46
Estelline, SD 57234

Dear Mr. Spilde:

Water Permit Application No. 2419A-3 for irrigation use has 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 Estelline Journal printed at Estelline, SD (Ph # 873-2475). 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 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 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

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

March 30, 1992

Estelline Journal
Box 159
Estelline, SD 57234

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 2419A-3 to be published twice. Please publish the first notice on April 9, 1992, 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 Lawrence F Spilde, Box 46, Estelline, SD 57234 (Ph # 873-2556).

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIPST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

Eric Gronlund
Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

FIRST TRANSMITTAL NOTICE

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

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to
Appropriate Water by Application No. _____ 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 April 9, 1992, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 2419A-3 to Appropriate Water
and to Amend Water Permit No. 2419-3

Notice is given that Lawrence F Spilde, Box 46, Estelline, SD 57234 has filed an application for a water permit to specify the correct location of the well authorized by Water Permit No. 2419-3. Water Permit No. 2419-3 appropriates 1 1/4 cubic feet of water per second (cfs) for irrigation of 79 acres located in the S 1/2 NE 1/4 Section 3 from one well located in the NE 1/4 SW 1/4 Section 3; all in T113N-R51W. An inspection of Permit No. 2419-3 found 1 well, 50 feet deep, constructed and supplying 1.0 cfs to irrigate 70 acres. The correct location of the well is the NE 1/4 SE 1/4 Section 3-T113N-R51W. No increase in diversion rate or number of acres being irrigated is authorized by this application.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2419A-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. Unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the chief engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 27, 1992. 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.

If a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Board will consider this application at 10:00 am, May 6, 1992, Floyd Matthew Training Center, Joe Foss Building, 523 East Capitol, Pierre, SD. If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. The May 6, 1992, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by April 27, 1992.

Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Hamlin) ss.



I, _____
certify that the attached printed Notice was _____
from the Estelline Journal _____

A newspaper which during the whole time of publication of
said notice herein after stated, has been and is printed and
published in the Estelline _____
_____ of South Dakota _____

County of Hamlin and State of South Dakota;
that the said notice was published in said newspaper on the
following two dates: _____

[Signature]
(Signature)

[Signature]
(Title)

9-16-92
(Date Signed)

Cost of Printing: _____

54-2x-April 9, 16

NOTICE OF HEARING

on Application No. 2419A-3
to Appropriate Water and to
Amend Water Permit No. 2419-3

Notice is hereby given that Lawrence F Spivey, Box 46, Estelline, SD 57234 has filed an application for a water permit. Specify the correct location of the well authorized by Water Permit No. 2419-3. Water Permit No. 2419-3 appropriates 1.14 cubic feet of water per second (cfs) for irrigation of 79 acres located in the S 1/2 NE 1/4 Section 3 from one well located in the NE 1/4 SW 1/4 Section 3; all in T113N-R51W. An inspection of Permit No. 2419-3 found 1 well, 50 feet deep, constructed and supplying 1.0 cfs to irrigate 70 acres. The correct location of the well is the NE 1/4 SE 1/4 Section 3-T113N-R51W. No increase in diversion rate or number of acres being irrigated is authorized by this application.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2419A-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. Unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the chief engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E. Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 27, 1992. 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.

If a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Board will consider this application at 10:00 am, May 6, 1992, Floyd Matthew Training Center, Joe Foss Building, 523 East Capitol, Pierre, SD. If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this

application based on the facts presented at the public hearing. The May 6, 1992 hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by April 27, 1992.

Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court

and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

Permit No. 2419-3Big Sioux River Water District**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

TO: Chief Engineer, Division of Water Rights, DWRN, Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by Lawrence F. Spilde
of Estelline SD 57234 holder ofPermit No. 2419-3, bearing the priority of October 15 1975 authorizingthe diversion of 1.14 cu. ft. per second of the waters of groundwaterfor irrigation purposes, in Hamlin County.

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

A. Works used to divert the water:

50HP - 10" Western Land Roller SN- 8204632 powered by a
us. Electric Hbllo shaft Gear Drive - Frame S1 Propane run Chevrolet
engine SN. C-305-1035 - 100HP capable of 450gpm

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

6" PVC piping 3/8 mile long

C. Works used to apply water to beneficial use:

Dantz Diesel Powered Pivot single cylinder No. 5897604 12.5HP
has a Renke Minigator with 4 towers and 680' in length. Had an end gun.
Capable of 450gpm. The Generator is a Conder Lima Energy Products
SN-315077DC Frame 280 RPM 1800
The system is in the following condition GoodThe point of diversion is located 1385' West and 1520' North of SE corner
Section 3-T113N-R51WThe works are capable of diverting and conveying to the place of use 1.0 ccu. ft. per second of water which is to be used for irrigationWater has been put to beneficial use to the maximum extent as follows: Section 3-T113N-R51WSW 1/4 NE 1/4 - 36 AcresSE 1/4 NE 1/4 - 34 Acrescomprising a total of 70 acres of land and the license should be issued for 1.0 cfsApplicable permit qualifications have been complied with X Yes NoExceptions to compliance are: *wldo new permit to change Date 6/18/1991
the location of the well.# Water Permit No. 2419A-3 was obtained for the change of diversion pt. Y Terma C. Solb
signature

LICENSE FOR PERMIT NUMBER 2419-3

1. Legal location of wells: NE 1/4 SE 1/4 Sec 3 - T113N-R51W

dams & structures: _____

2. Well Information: Well Drilling Firm Buller Brothers

Completion Report Yes ___ No ___ No. of Wells 1 Depth 49

Casing a) diameter 16" Screen a) type stainless steel

b) length 39' b) length 10

c) type steel Static Water Level _____

Pump a) make Westland Roller Motor a) make h.s. electric #705RTFF gear drive

b) model SN-8204632 6100 M b) model No. Frame SI EPN 1760

c) size 10" 611 HEAD c) horsepower rating 50

d) capacity 450 gpm Chevrolet - propane run

e) turbine pump - no. of stages _____ Engine SN- C-305-1035

f) operating PSI 50 100HP

3. Distribution lines or canals

a) size 6"

b) type PVC

c) length ~ 3/8 mile

4. Dam Information:

a) height to crest _____ m) Outlet tubes:

b) height to primary spillway _____ 1) diameter _____

c) height to secondary spillway _____ 2) type _____

d) crest width _____ 3) valved (Y/N) _____

e) crest length _____ 4) valve type _____

f) spillway length _____ 5) location on structure _____

g) spillway width _____

h) approx. storage _____ n) Category of Dam _____

i) approx. storage to crest _____

j) date constructed _____

k) inspection sheet completed (Y/N) _____

l) Name of Contractor _____

5. System Type a) sideroll:

- 1) length _____ feet
- 2) diameter of pipe _____
- 3) make, model & number of
sprinklers _____
- 4) spacing of sprinklers _____
- 5) nozzle size _____

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

- 1) length _____
- 2) diameter _____
- 3) spacing of gates _____

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

- 1) length _____ feet
- 2) make, model & number of
sprinklers _____
- 3) spacing of sprinklers _____
- 4) nozzle size _____

Deutz Diesel Powered Pivot
Single cylinder No. 5897604
12.5 HP

d) center pivot

- 1) make Reinke Minigator
- 2) number of towers 4
- 3) distance between towers
- 4) overall length 680'
- 5) end gun (Y/N) Y
- 6) high or low pressure 25-30
- 7) make & size of nozzles
rainbird

- 8) capacity (GPM) 450

g) siphons

Generator - Condec Lima Energy Prod.
SW- B13677 DC

- 1) size Frame 280 RPM 1800
- 2) number _____

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project _____

Yes	No	Check Items
☒	---	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
☒	---	2. Special qualifications to permit being abided by?
☒	---	3. All structures, wells and lands on map?
☒	---	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
---	☒	5. Is chemigation used?
---	---	6. If yes, does equipment comply with chemigation rules?

REMARKS:

Water Rights Division - DWR

File No. 2419-3

Conversation or File Documentation

NAME OF PERSON OR FILE: Lawrence, F SpildeADDRESS: Rt 1 Box 144 Estelline, SD 57234 COUNTY HamlinDATE: _____ TELEPHONE 873-2556

RE: _____

COMMENTS:

Spoke with Gerald Spilde + Lawrence about the well location for this permit. According to the permit, the well was to be located in the NE 1/4 of the SW 1/4 Section 3-T113N-R51W. An inspection of this permit showed the well to be located in the NE 1/4 of the SE 1/4 Section 3-T113N-R51W. Mr. Spilde said that the original well was drilled in the NE 1/4 of the SW 1/4 by Empire Well Drilling in 1973. Something happened to the well, so they had Lacey Well Drilling drill a new well ^{in 1982}. This time the well was located in the NE 1/4 SE 1/4 Section 3-T113N-R51W. This well was located out of the 660' radius, therefore requiring a new permit for a change of diversion point. A third well was drilled in 1987 by Bullis Brothers to replace the second well.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Norma C. Bob

4/82



2419-3

GREAT FACES. GREAT PLACES.

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

July 31, 1991

Bullis Brothers
Attn: Leroy Bullis
1701 Karen Street
Watertown, SD 57201

Dear Mr. Bullis:

Currently, I am in the process of licensing some water permits. The final step is to obtain some well logs that your company may have drilled for these permits. The well for the permit is located:

NE 1/4 SE 1/4 Section 3-T113N-R51W One well for Lawrence Spilde. Drilled around 1987.

If you have drilled this well, please send the well log as soon as possible so that I can continue the process of licensing the water permits.

If you have any questions, feel free to contact me at (605) 773-3352.

Sincerely,

Norma C. Job
Natural Resources Engineer
Division of Water Rights

Water Rights Division - DWR
Conversation or File Documentation

File No. 2-119-3

NAME OF PERSON OR FILE: Lumma T. Spilde

ADDRESS: Box 46, E. Helena SD 57234 COUNTY HM

DATE: 3-26-92 TELEPHONE _____

RE: Plugging Abandoned Wells

COMMENTS:

Spoke with Gerardo Spilde about what was
done with the abandoned wells. He told
me that they were filled ^{with dirt} water. The casing
was pulled and reused in the new well.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Y. Jorma C. 1/84



AUG 7 1992

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

Lawrence F Spilde
Box 46
Estelline, SD 57234

Dear Mr. Spilde:

Enclosed is Water Permit No. 2419A-3 authorizing your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

The final inspection has been completed on this Permit, and we are ready to issue the Water License. Statutes require we charge \$50 for the inspection and issuance of the final papers. Upon receipt of this amount the Water License will be sent to you.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

enclosures

RECEIPT

Division of Water Rights

413365

South Dakota Department of Environment and Natural Resources

Pierre, August 11, 1992

RECEIVED OF Lawrence Spilde, Box 46, Estelline, SD 57254

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use _____		
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. 2419A-3		5000
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	5000

By John Hatch
Chief Engineer JOHN HATCH

South Dakota

GREAT FACES. GREAT PLACES.

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

AUG 18 1992

2419A-3

Lawrence F. Spilde
Box 46
Estelline, SD 57234

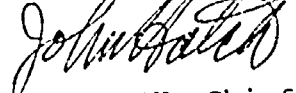
Dear Mr. Spilde:

Enclosed is Water License No. 2419A-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 413365 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

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. 2419A-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.

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.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures

NOTE: The applicable portions of Water Permit No. 2419-3 have been incorporated into this Water License No. 2419A-3.

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, _____ January 7, 19 92

RECEIVED OF Lawrence or Gerald Splide, Rt 1, Box 144, Estelline, SD 57234

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

Fee for Application for Permit No. 2419A-3 to Appropriate Water, to construct works and to put water to beneficial use _____

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. _____

Fee for Filing Transfer Form _____

Fee for Filing Extension Request _____

Fee for Certified Copy of _____

Fee for Print Copy of Map _____

Fee for Certifying _____

Fee for _____
(Any Other Work Provided by Law)

Total

50 00

By

[Signature]
Chief Engineer

2419A-3

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation

Office Use Only

4676

WR#

OWNERS NAME: SPILOE, LAWRENCE F. OWNERS ADDRESS: BOX 46
ESTELLINE, SD 57234
COUNTY LAND LOCATED IN: HAWKINS PHONE: 873-2556/873-2610

LEGAL DESCRIPTION:

1. LOCATION NE 1/4 SEC 3-T113N-R51W ☒ Well ☐ Surface
Depth _____

Legal Description	Acres	Legal Description	Acres
<u>SW 1/4 NE 1/4 3-T113N-R51W</u>	<u>36</u>		
<u>SE 1/4 NE 1/4 3-T113N-R51W</u>	<u>34</u>		

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: ☒ GUN: _____ OTHER: _____
(Specify)

3. CROPS TO BE IRRIGATED: CORN, ALFALFA, WHEAT, OATS

WATER QUALITY:

4. WATER SAMPLE NUMBER: 92-0001 7. ADJUSTED (SAR): 0.38
5. SALINITY (EC X 10⁶): 800 8. PERCENT SODIUM: 3.76
6. SODIUM (SAR): 0.16

Requirements:

Maximum allowable limits of salt and sodium buildup in the profile at the root zone (upper 12 inches of the soil profile) at the beginning of the growing season apply. They become applicable upon the issuing of a Soil and Water Compatibility Permit by the Division, or the Commission.



Russell L. Stone
Director, Division of Conservation

☒ APPROVED
☐ DISAPPROVED
☐ WAIVER

☒ REQUIREMENTS

MARCH 5, 1992

Date

Soil/water permits will be recorded by the Department of Agriculture, with the County Register of Deeds.

2419173

EMPIRE

IRRIGATION & DRILLING COMPANY

Highway 14 East

P. O. Box 1252

Huron, South Dakota 57350

Ph. 352-4587

DRILLING REPORT

Location of Well: _____ 1/4 _____ 1/4 _____ Section 3 Township 113 Range 511
 Well to be drilled for: Laurence Spilde (Name) Estelline (Address)
Huron (County) S. Dak. (State)
 Date well drilling started 3-26-73 finished 4-21-73

Purpose of well _____

(domestic, irrigation, industrial, other)

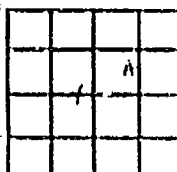
Depth _____ ft. Casing Diameter _____ inches

Slot Size _____ Screen Size _____

Screen Depth _____ in. _____ ft. to _____ ft.

Remarks: _____

NORTH



1 Mile

REPORT OF FINAL PUMPING TEST

Write Additional Times and Readings on Back of Page

Date _____

Elapsed Time From
Start of Pumping

Water Level

Discharge

0 hr. 0 min.

1 ft. in.

(Static)

hr. min.

ft. in.

GPM

hr. min.

ft. in.

GPM

hr. min.

ft. in.

GPM

RECOVERY

hr. min.

ft. in.

Formation: Clay, Silt, Sand,
Gravel, Color, Hard or Soft, etc.

Depth (ft.)

From To

#1 Formation (Continued)

Depth (ft.)

From To

#1
 top soil 0 2
 yellow clay 2 37
 sand 37 42
 clay 42 60

#2
 top soil 0 2
 sandy clay 2 4
 sand & gravel 4 38
 clay 38 60

241911-3

E M P I R E

IRRIGATION DRILLING CO., INC.

Invoice No. 1977

BOX 1252

HURON, S. D.

PHONE 352-4587

SOLD • Lawrence Spilde
 TO • Estelline, SD 57234

SHIP •
 TO •

ENTERED		CUSTOMER'S NO.		SALESMAN			
DATE SHIPPED		VIA		TERMS:			
		Verbal		Rig #2			
				Net Cash			
				INVOICE DATE			
				9/9/74			
QUANTITY			DESCRIPTION	PRICE	EXTENSION	NET AMOUNT	
ORDERED	BACK ORD.	SHIPPED					
30 ft.			Drilling bore for casing	22.00		660	00
30 ft.			16" I.D. Fiberglass casing	18.00		540	00
						\$ 1200	00
			2% Sales tax on casing			10	80
						\$ 1210	80

TABLE 1 - SOIL INTERPRETIVE GROUPS

SOUTH DAKOTA, SOUTH DAKOTA

Ser. 11-A

ISSUES

Map	Symbol	Map Unit Name	% Slope	Fig	Cap. Class	Range Site	Fast. Group	Wbk. Group	WEG(1)	P	T	C	
1		Parnell silty clay loam, undrained	HW0035	0-1	e	Vw2	Sh	B2	10	7(38)	0.28	5	0.1
		drained	HW0035	0-1	e	IIIw1	Sh	A	2W	7(38)	0.28	5	0.1
3		Horitz-Lamoure silty clay loams											
		Horitz	SW0054	0-2	e	IIw2	LSh	A	1*	4L(66)	0.28	5	0
		Lamoure, undrained	SW0076	0-2	e	IVw3	Sh	B1	2W*	4L(66)	0.28	5	0
		drained	SW0076	0-2	e	IIw3	Sh	A	2W*	4L(66)	0.28	5	0
4		Castleswood clay	SW0078	0-1	e	IIIw3	KL	A	2W	4(66)	0.28	5	0.1
6		Tonia silty clay loam, undrained	SW0079	0-1	e	IVw2	Sh	B2	10	7(38)	0.32	5	0.1
		drained	SW0079	0-1	e	IIw4	Sh	A	2W	7(38)	0.32	5	0.1
7A		Waubay silty clay loam	SW0053	0-2	e	I 3	Sh	e	1	7(38)	0.28	5	0
9		Olgham silty clay loam, undrained	SW0074	0-1	e	Vw2	KL	B1	10	4(66)	0.28	5	0.1
		drained	SW0074	0-1	e	IIIw1	KL	A	2W*	4(66)	0.28	5	0.1
10		Sonthan silty clay loam	SW0248	0-1	e	VIIIw1 (NA)	NA	NS	10	4(66)	0.37-5	0	
12		LaBelle silt loam 12B	SW0045	0-2	e	I 1	Sh	F	1	6(48)	0.28	5	0
13		Marysland-Rauville complex											
		Marysland, loam	HW0538	0-2	e	IVw3	Sh	B1	2S	4L(66)	0.28	4	0.1
		Rauville, silty clay loam	SW0077	0-2	e	Vw1	KL	B1	10	4L(66)	0.28	5	0
14		Lamoure-Rauville silty clay loams, channelled											
		Lamoure	SW0076	0-2	e	VIIw1	Sh	B1	2W*	4L(66)	0.28	5	0
		Rauville	SW0077	0-2	e	Vw1	KL	B1	10	4L(66)	0.28	5	0
14D		Lamoure-Rose complex, channelled		0-25									
		Lamoure silty clay loam, channelled	SW0076	0-2	e	VIIw1	Sh	B1	2W*	4L(66)	0.28	5	0
		Rose loam	HW0317	15-25	e	VIw3	Sh	G	6	4L(66)	0.28	5	0
15		Playrook silty clay loam	SW0070	0-2	e	IVw4	SSh	J	10	4L(66)	0.28	5	
16		Lamoure silty clay loam, undrained	SW0076	0-1	e	IVw3	Sh	B1	2W*	4L(66)	0.28	5	0
		drained	SW0076	0-1	e	IIw3	Sh	A	2W*	4L(66)	0.28	5	0

SOUTH DAKOTA TECHNICAL GUIDE

EASTERN

LRA 102A

Rev. 01 Mar-71

HANCOCK COUNTY, SOUTH DAKOTA

Sec. II-A

450A-7

Map			%	Cap.	Range	Past.	Work.						
Symbol	Map Unit Name		Slope	ty	Class	Site	Group	Group	WEG(I)	P	T	C	
17A	Renshaw loam	500142	0-2	e	IIIe3	Sw	D2	6G	6(48)	0.28	3	B	
17B	Renshaw loam	500142	2-6	e	IVe2	Sw	D2	6G	6(48)	0.28	3	B	
17C	Renshaw-Sioux complex	428,153B											
	Renshaw loam	500142	2-3	e	IVe2	Sw	D2	6G	6(48)	0.28	3	B	
	Sioux gravelly loam	500052	3-9	e	VIe3	VSw	H5	10	5(56)	0.20	2	A	
18C	Sioux-Renshaw complex	330											
	Sioux gravelly loam	500052	3-25	e	VIe3	VSw	H5	10	5(56)	0.20	2	A	
	Renshaw loam	500142	3-25	e	VIe3	Sw	D2	6G	6(48)	0.28	3	B	
20A	Fordville loam	500176	0-2	e	IIe3	Si	D1	6G	6(48)	0.24	4	B	
20B	Fordville-Renshaw loams												
	Fordville	500176	2-6	e	IIe3	Si	D1	6G	6(48)	0.24	4	B	
	Renshaw	500142	2-6	e	IVe2	Sw	D2	6G	6(48)	0.28	3	B	
20C	Fordville-Renshaw loams												
	Fordville	500176	6-9	e	IIIe10	Si	D1	6G	6(48)	0.24	4	B	
	Renshaw	500142	6-9	e	IVe4	Sw	D2	6G	6(48)	0.28	3	B	
21A	Poinsett-Waubay silty clay loams												
	Poinsett	500180	0-2	e	I 2	Si	F	3	7(38)	0.32	5	B	
	Waubay	500253	0-2	e	I 3	Gr	K	1	7(38)	0.28	5	B	
21B	Poinsett-Waubay silty clay loams												
	Poinsett	500180	2-6	e	IIe3	Si	F	3	7(38)	0.32	5	B	
	Waubay	500253	1-2	e	I 3	Gr	K	1	7(38)	0.28	5	B	
22B	Poinsett-Buse complex	31B											
	Poinsett silty clay loam	500180	2-6	e	IIe3	Si	F	3	7(38)	0.32	5	B	
	Buse loam	500317	3-6	e	IIIe6	II	G	8	4L(66)	0.28	5	F	
22C	Poinsett-Buse complex	21C											
	Poinsett silty clay loam	500180	6-9	e	IIIe2	Si	F	3	7(38)	0.32	5	B	

SOUTH DAKOTA TECHNICAL GUIDE

EASTERN

LRA 102A

Rev. 04-Mar-91

TABLE 1 - SOIL INTERPRETIVE GROUPS
HAMILTON TRACT, SOUTH DAKOTA

Sec. 11-A

USDA:20

Map Symbol	Map Unit Name		% Slope	Cap. lg	Range Class	Faci. Site	Work. Group	Work. Group	WEG(1)	P	T	C
23A	Buse loam		0-3	e	IVe2	TU	G	8	4L(86)	0.28	5	B
	Cubden-Tonka silty clay loams	23B, 24, 34										
	Cubden		0-3	e	IIe4	LSb	F	14	4L(86)	0.26	5	B
	Tonka, undrained		0-1	e	IVe2	W*	B2	10	7(38)	0.32	5	C/I
	drained		0-1	e	IIe4	W*	A	2W	7(38)	0.32	5	C/I
25	Hauvick loam	48	0-2	e	IIIe3	Sb	A	10	4L(86)	0.32	5	C
26A	Barnes-Vienna complex											
	Barnes loam		0-2	e	I 2	Si	F	3	6(48)	0.26	5	B
	Vienna silt loam		0-2	e	I 2	Si	F	3	6(48)	0.32	5	B
26B	Barnes-Buse loams											
	Barnes		2-6	e	IIe2	Si	F	3	6(48)	0.28	5	B
	Buse		3-6	e	IIIe6	TU	G	8	4L(86)	0.28	5	B
26C	Barnes-Buse loams											
	Barnes		6-9	e	IIIe1	Si	F	3	6(48)	0.28	5	B
	Buse		6-9	e	IVe2	TU	G	8	4L(86)	0.28	5	B
26D	Barnes-Buse loams	85D										
	Barnes		9-15	e	IVe1	Si	F	3	6(48)	0.28	5	B
	Buse		9-15	e	VIe3	TU	G	8	4L(86)	0.28	5	B
27	Colvin-Bidham silty clay loams	34										
	Colvin, undrained		0-2	e	IVe3	Sb	A	10	4L(86)	0.32	5	C/I
	drained		0-2	e	IIe2	Sb	A	2W*	4L(86)	0.32	5	C/I
	Bidham, undrained		0-2	e	Ve2	KL	B1	10	4(86)	0.28	5	C/I
	drained		0-2	e	IIIe1	KL	A	2W*	4(86)	0.28	5	C/I
28	Cubden-Badger silty clay loams	28B, 35, 35B										
	Cubden silty clay loam		0-3	e	IIe4	LSb	F	14	4L(86)	0.28	5	B
	Badger silty clay loam		0-2	e	IIe1	Ov	A	2W	7(38)	0.28	5	C

SOUTH DAKOTA TECHNICAL GUIDE

EASTERN

LRA 102A

Rev. 04-Mar-81

TABLE 1 - SOIL INTERPRETIVE GROUPS
HAWKINS COUNTY, SOUTH DAKOTA

Sec. 11-A

USDA: 7

Map			2	Cap.	Range	Past.	Whrk.						
Symbol	Map Unit Name		Slope	lg	Class	Site	Group	Group	WEG(1)	F	T		
31C	Buse-Poinsett complex												
	Buse loam												
	Poinsett silty clay loam												
31D	Buse-Poinsett complex	210											
	Buse loam												
	Poinsett silty clay loam												
32B	Poinsett-Waubay-Buse complex												
	Poinsett silty clay loam												
	Waubay silty clay loam												
	Buse loam												
33C	Renshaw Brandt complex												
	Renshaw loam												
36A	Holland silty clay loam												
36B	Holland silty clay loam												
37A	Arvilla sandy loam	37B											
40B	Egeland-Embrun complex	36A, 36B, 37B, 41B											
	Egeland sandy loam												
	Embrun loam												
43	Hinnebaugh loamy sand	44											
45	Spotswood loam												
46	La Prairie loam	46A, 46B											
47	Rauville silty clay loam												
51	Divide loam												
54	Badger silty clay loam												
71E	Buse-Barnes loams												
	Buse												

SOUTH DAKOTA TECHNICAL GUIDE

EASTERN

LPA 102A

Rev. 04-Mar-91

TABLE 1 - SOIL INTERPRETIVE SERIES
DAKOTA COUNTY, SOUTH DAKOTA

Sec. 11-A

USDA

Map			%	Cap.	Range	Pack.	Whrl.					
Synbol	Map Unit Name		Slope	tg	Class	Site	Group	Group	626(1)	e	f	g
	Barnes		100119	15-25	e	V1e1	Si	45	10	6(48)	0.28	5 B
72C	Buse-Barnes loams, very stony 1/			3-15								
	Buse		100110	3-15	e	V11e1	TU	45	10	6(0)	0.20	5 B
	Barnes		100120	3-9	e	V11e1	Si	45	10	8(0)	0.20	5 B
72F	Buse-Barnes loams, extremely stony 7/											
	Buse		100110	3-40	e	V11e1	TU	45	10	8(0)	0.20	5 B
	Barnes		100120	3-25	e	V11e1	Si	45	10	8(0)	0.20	5 B
81A	Kranzburg silty clay loam		500161	0-2	e	I 2	Si	F	3	7(39)	0.32	5 B
81B	Kranzburg Waubay silty clay loams	76,876										
	Kranzburg		500161	2-6	e	11e3	Si	F	3	7(39)	0.32	5 B
	Waubay		500259	2-3	e	I 3	Cl	K	1	7(38)	0.28	5 B
82B	Strayhorn silty clay loam	83A	50	2-6	e	11e3	Si	F	3	7(39)	0.28	5 B
84B	Vienna-Barnes complex											
	Vienna silt loam		500231	2-6	e	11e2	Si	F	3	6(49)	0.32	5 B
	Barnes loam		100119	2-6	e	11e2	Si	F	3	6(48)	0.28	5 B
85A	Vienna-Brookings complex											
	Vienna silt loam		500231	0-2	e	I 2	Si	F	3	6(48)	0.32	5 B
	Brookings silty clay loam		500160	0-2	e	I 3	Cl	K	1	7(38)	0.28	5 B
85B	Vienna-Brookings complex											
	Vienna silt loam		500231	2-6	e	11e2	Si	F	3	6(48)	0.32	5 B
	Brookings silty clay loam		500160	2-3	e	I 3	Cl	K	1	7(38)	0.28	5 B
85C	Vienna-Buse complex	81C										
	Vienna silt loam		500231	6-9	e	111e1	Si	F	3	6(48)	0.32	5 B
	Buse loam		100117	6-9	e	1Ve2	TU	G	6	41(75)	0.28	5 B
87A	Brookings silty clay loam		500160	0-2	e	I 3	Cl	K	1	7(39)	0.28	5 B
88	McIntosh-Badger silty clay loams											

SOUTH DAKOTA TECHNICAL GUIDE

EASTERN

LRA 102A

Rev. 04-Mar-73

TABLE 1 - SOIL INTERPRETIVE GROUPS
BASED ON CECITY, SOUTH FLORIDA

Sec. II-A

USDA: 55

Map		%	Cap.	Range	Fast.	Whit.								
Symbol	Map Unit Name	Slope	fg	Class	Site	Group	Group	WGB(1)	F	I	Gr			
	Belinosa	500074	0-3	e	11e4	Lsh	F	1+	41 (85)	0.28	5	C		
	Badger	500075	0-3	e	11e1	Sh	A	2W	7(38)	0.28	5	C		
85A	Estelline silt loam	500206	0-2	e	11e3	Si	D1	6G	6(48)	0.32	4	B		
85B	Estelline silt loam	500205	2-6	e	11e5	Si	D1	6G	6(48)	0.32	4	B		
50B	Egeland-Maddox sandy loams	370,350												
	Egeland	500146	4-6	e	111e7	Sy	H	5	3(65)	0.20	5	B		
	Maddox	500152	6-7	e	11e3	Sy	H	5	3(65)	0.17	5	A		
33	Orthentic, gravelly	503003	0-15	e	2111e1	OSG	NS	10	5(55)	0.20	1	A		
111	Low clay loam	500455	0-2	e	111e3	Sh	A	2W	41 (85)	0.28	5	B		
114	Fairdale loam, channeled	465	0-2	e	11e1	Sh	E	2W	5(55)	0.32	5	B		
121A	Brandt silty clay loam	165A	0-2	e	1 2	Si	F	3	7(38)	0.28	5	B		
121B	Brandt silty clay loam	500450	2-6	e	11e3	Si	F	3	7(38)	0.28	5	B		

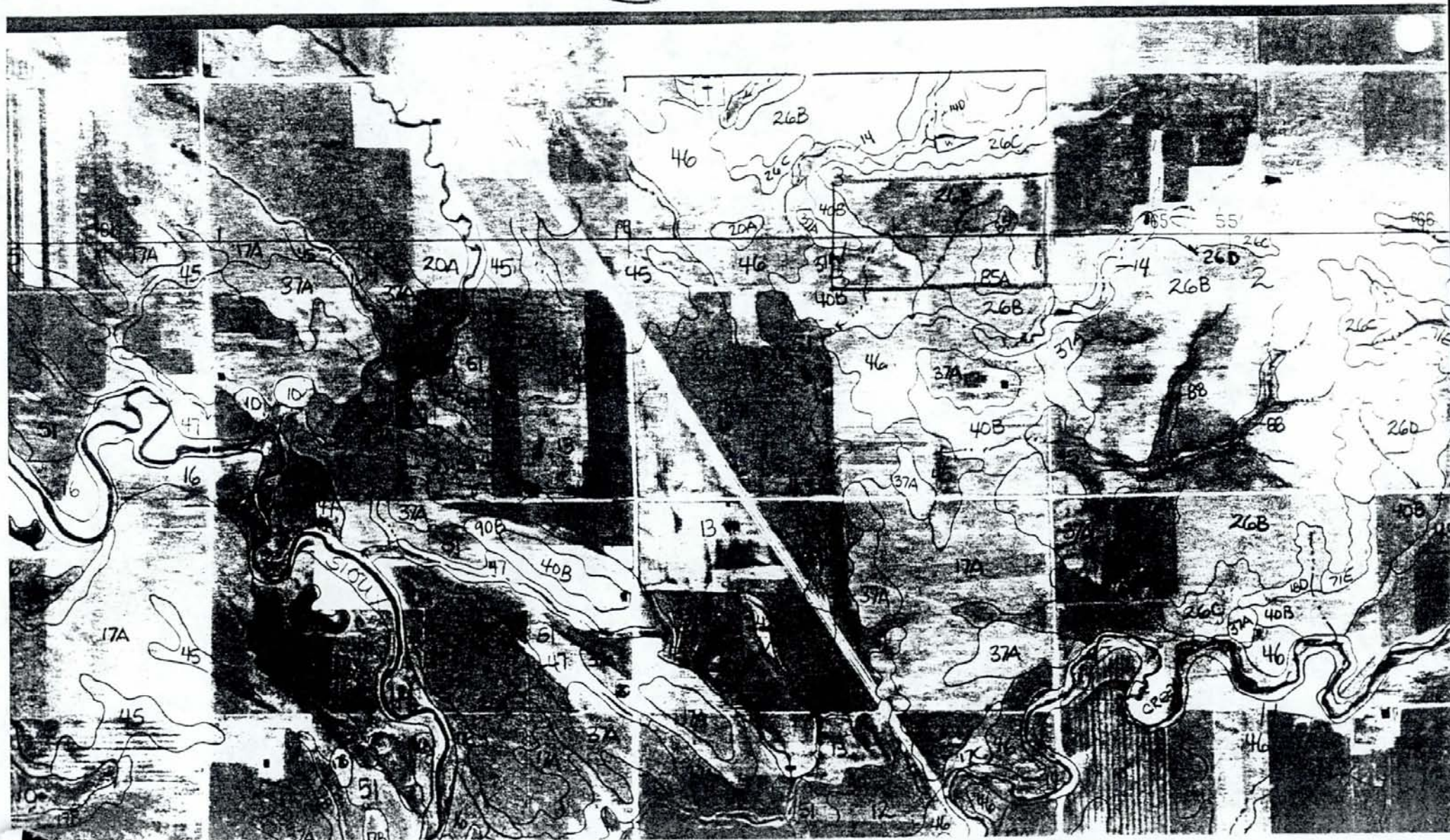
(N/A) - Not Assigned

* These soils are highly calcareous and silver maple is not suited.

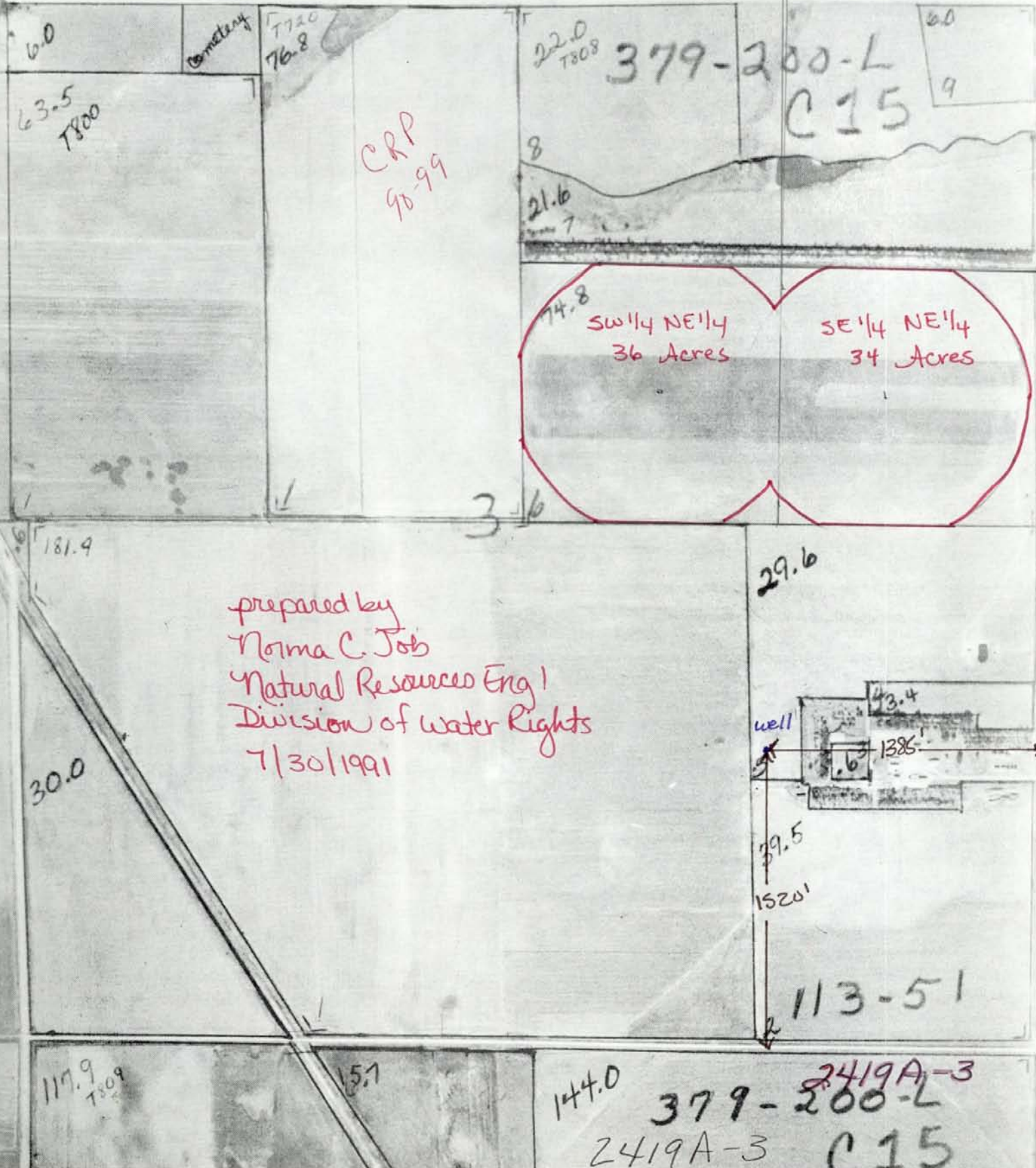
1/ If stones picked, use interpretations for Z6C.

2/ if signs picked, use interpretations for 715.

3-113-51
Estelline Township
Hamlin County



NOT TO SCALE



2419A-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 21, 2019

2419A-3
3975-3

Gerald Spilde
PO Box 46
Estelline SD 57234-0046

Dear Mr. Spilde:

Thank you for calling concerning the needed ownership change for Water Right No. 2419A-3. In looking at our records, I found another water right listed in Lawrence's name that may need to be changed as well. I have included copies of both water rights for your review.

Enclosed are partially completed "Notice of Transfer of Ownership" forms for use in filing ownership changes. Please review and complete as needed. Upon completion, please sign and return the forms to our office with a required filing fee of \$50 each (total of \$100). The check or money order for the fee can be made payable to the Water Rights Program.

If Water Right No. 3975-3 should not be transferred, you can disregard the form. You may keep the copies of the water rights or toss them if you don't need them. Let me know if you have any questions.

Sincerely,

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

enclosures

PAID

OCT 25 2019

Ck# 1009

NOTICE OF TRANSFER OF OWNERSHIP

RECEIVED

OCT 24 2019

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

No.

WATER RIGHTS
2419A-3 PROGRAM

Date:

10/23/19

I/We request that Water Right No. 2419A-3

formerly owned by: Lawrence Spilde

be transferred to: (name & address)

G.T.S.

PO Box 46

Estelline S.D. 57234

Telephone No. 6058732610

Title to the following described land(s)/property has been transferred as described above:

207 acres located in the S 1/2 Section 3, T113N, R51W

I/We understand that the validity of Water Right No. 2419A-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We GTS, the new owner, certify that the above information is true and correct.

GTS

Gerald L. Spilde
(Signed by new owner)

(Personal Representative)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date October 25, 2019

RECEIVED OF Gerald Spilde PO Box 46 Estelline SD 57234

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

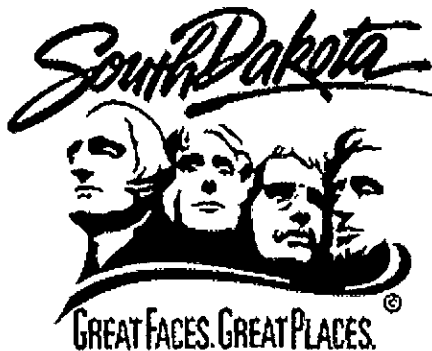
Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	50	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form <u>2419A-3</u>		
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	50 00

No. **09225**

By

Jeanne Goodman
Chief Engineer
Jm

2419A-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 30, 2019

2419A-3
3975-3

Gerald Spilde
PO Box 46
Estelline SD 57234-0046

Dear Mr. Spilde:

I am writing to acknowledge receipt of the transfer forms and filing fees you submitted for changing ownership on Water Right Nos. 2419A-3 and 3975-3.

The ownership changes have been completed. The above listed water rights formerly held by Lawrence Spilde are now listed under GTS (with you listed as personal representative).

Enclosed for your records are Receipt Nos. 09225 and 09226 in the amounts of \$50 each. If you have any questions, please let me know.

Sincerely,

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

enclosures