

OConsidered: _____

WATER PERMIT NO. 5580-3

Phone: 303-690-7946

Name of Applicant: Wayne K Larsen

Post Office Address: 7422 S Ireland, Aurora CO 80016

Amount of Water Claimed: 0.223 Total Acres: 45

Source of Water Supply: groundwater

Water to be used for: irrigation County: Lincoln

About 4 miles West of Sioux Falls

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

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

PRIORITY Date Received: 7-15-91 Fee: \$150 Remarks _____

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

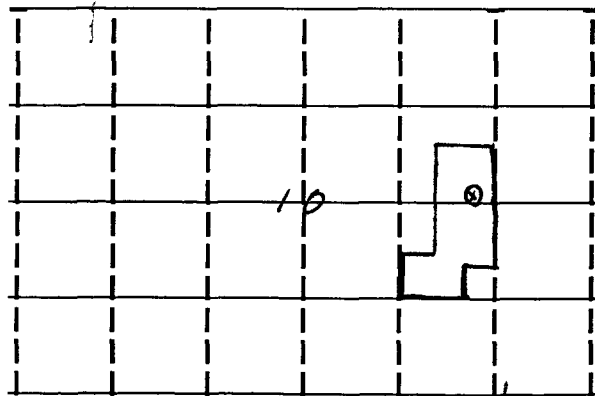
WATER QUALITY APPROVAL RECEIVED 9-12-91 APPROVED/CONDITIONAL (Circle one)

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

Diversion Point: SE 1/4 NE 1/4 Sec 10-T100N-R51W

Land to be Irrigated: SE 1/4 NE 1/4, NE 1/4 SE 1/4

Sec 10-T100N-R51W



Well Log: Driller: Dave Putzke Well Drilling Licensed YES X NO _____

Depth of Well: 172' REMARKS _____

Type of Map: aerial PREPARED BY: Joann Eidsheim, ASCS Reviewed and the Number

Assigned on 9-12-91 By Karen Schlaak

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

(See instructions)

No. 5580-3 Hydrologic Unit 10170203
Basin Big Sioux River
Newspaper Lennox Independent, Box 76

Lennox 57039 (Thurs)

Application For Soil/Water Compatibility Permit and Permit To Appropriate Water

Type of Application: ☒ New ☐ Vested Right ☐ Amend Permit No. _____
☐ Change Acreage ☐ Change diversion point(s) ☐ Add diversion point(s)
☐ Add Acreage ☐ Increase diversion rate ☐ Other _____

1. Name of Applicant Wayne K. Larsen Phone No. 303-690-7946

Post Office Address 7422 S. Ireland Court Aurora State CO 80016
(Street, RR or Box) (City)

2. Amount of water claimed (c.f.s) 0.223 (100 GPM) Total acres irrigated Approximately 45

3. Source of Water supply Groundwater

4. Location of point of diversion Government Lot #1 S10 T100N R51W (SE 1/4 NE 1/4)

County Lincoln

5. Counties where water will be used Lincoln

6. Annual period during which water is to be used March 1 to 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.
Government Lot #1 (SE 1/4 NE 1/4)	20
NE 1/4 SE 1/4 S10	25

Land Description	No. Acres Irr.

Attach sheet if more space is needed

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

9. Crops to be Irrigated: Trees and Vegetables

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

The well will be used to provide water to approximately 45 acres of shelterbelt trees, nursery tree stock, and vegetables. The trees are expected to be irrigated with a drip system. The vegetables are expected to be irrigated by ditch or sprinkler. Our current plans are to plant successive yearly crops of evergreen and deciduous trees for sale on a wholesale basis. We plan to add a fruit orchard in the next year or two followed by a vegetable truck garden in a few years.

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 Colorado ~~SOUTH DAKOTA~~
County of Arapahoe) ss

I, WAYNE K. LARSEN, 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.

My commission expires November 12, 1994.
My business address is: 6400 S. Fiddler's Green Cir.
Englewood, CO 80111

Signed Wayne K. Larsen

Subscribed and sworn to before me this 10th day of July 19 91

John R. Cogburn
Notary Public

**SOUTH DAKOTA
WATER PERMIT No. 5580-3 FOR IRRIGATION**

Date of first receipt of application July 15, 1991.

Date Soil/Water Compatibility Permit received September 12, 1991.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 5580-3 to Wayne K. Larsen, 7422 S Ireland, Aurora CO 80016 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. 5580-3 appropriates 0.223 cubic feet of water per second from one well (Wall Lake Aquifer) 172 feet deep located in the SE 1/4 NE 1/4 (Lot #1) to irrigate 45 acres in the SE 1/4 NE 1/4 (Lot #1) and NE 1/4 SE 1/4; all in Section 10-T100N-R51W.
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: March 1 - October 31.
3. The date from which applicant may claim right is July 15, 1991.
4. The date of approval of Permit No. 5580-3 is January 22, 1992.
5. One-fifth of the construction is to be completed on or before July 22, 1994.
6. All construction is to be completed on or before January 22, 1997.
7. Water is to be put to beneficial use on or before January 22, 2001.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: _____

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

JAN 22 1992

date

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

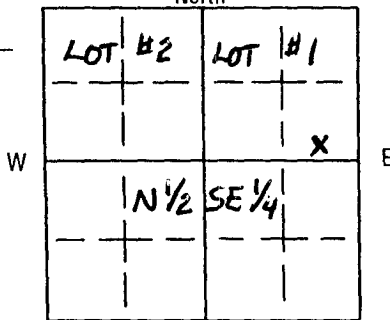
Location ~~SE 1/4~~ ~~NE 1/4~~ Sec 10 Twp 100N Rg 51W

GOVERNMENT LOT #1

County

LINCOLN

North



1 mile

Please mark well location with an "X"

Well Completion Date 6/12/91

PROPOSED USE:

- ☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Rotary

CASING DATA:

- ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200</u> LB/FT	<u>8</u> IN	<u>0</u> FT	<u>172</u> FT	<u>13 3/4</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 120' FEETWhat is grouting material? 4 yds of grout.

If cement, number of sacks? _____

Describe grouting procedure Pump w/ Drilling Rig

What was grout weight? _____ LB/GAL

SCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 8" IN Length 20 FEETMaterial PlasticSlot Size 40 Set From 150 Feet To 170 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☒ YES ☐ NOExplain Pumped Chlorine w/ water aroundBacteriological analysis ☐ YES ☐ NO

Laboratory sent to _____

Well Owner:

Name Wayne LarsonAddress 7422 S. IRELAND CTBRANDENBURG, CO. 80016Well Log: AURORA

Depth

Formation

From

To

TOP Soil02yellow clay228blue "2872rocks7273blue clay73119" " mix w/sand119122Fine Sand122137blue clay137147Fine Sand Gray147152m. Sand152162" "162167" "167170STATIC WATER LEVEL 98 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped☐ Bailed☐ OtherDescribe: Air100 gpm.

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 439

And this report is true and accurate.

Drilling firm Dave Putek well Drilling Co.

Signature of License Representative:

Dave Putek Pres

Signature of Well Owner:

Wayne K. Larson

Date

6-17-91

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

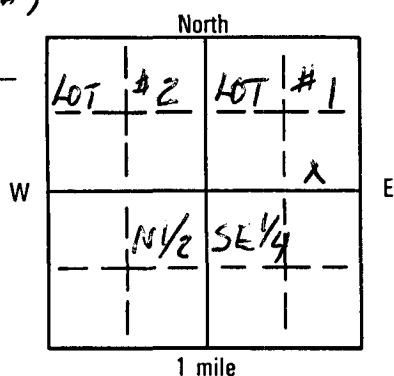
Location 1/4 1/4 Sec 10 Twp 100N Rg 51W

GOVERNMENT LOT #1

County

LINCOLN

Please mark well location with an "X"



Well Completion Date _____

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling: _____

CASING DATA:

☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☐ YES ☐ NO

To what depth? _____ FEET

What is grouting material? _____

If cement, number of sacks? _____

Describe grouting procedure _____

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☐ YES ☐ NO

If so, what material? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☐ YES ☐ NO

Explain _____

Bacteriological analysis ☐ YES ☐ NO

ratory sent to _____

Well Owner:

Name Wayne LarsonAddress Denver CO

Well Log:

Depth

Formation	From	To
TOP SOIL	0	2
yellow clay	2	28
blue "	28	72
rocks	72	73
blue clay	73	119
" " mix w/ sand	119	122
Fine sand	122	137
blue clay	137	147
Fine sand (gray)	147	152
m. sand	152	162
" "	162	167
" "	167	172
Sand mix w/ clay	172	177
Fine sand mix w/ clay	177	192
Granite	192	194

STATIC WATER LEVEL Granite 192 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped☐ Bailed☐ Other

Describe: _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 439

And this report is true and accurate.

Drilling firm Dave Putzke Well Drilling Inc

Signature of License Representative:

Dave Putzke

Signature of Well Owner:

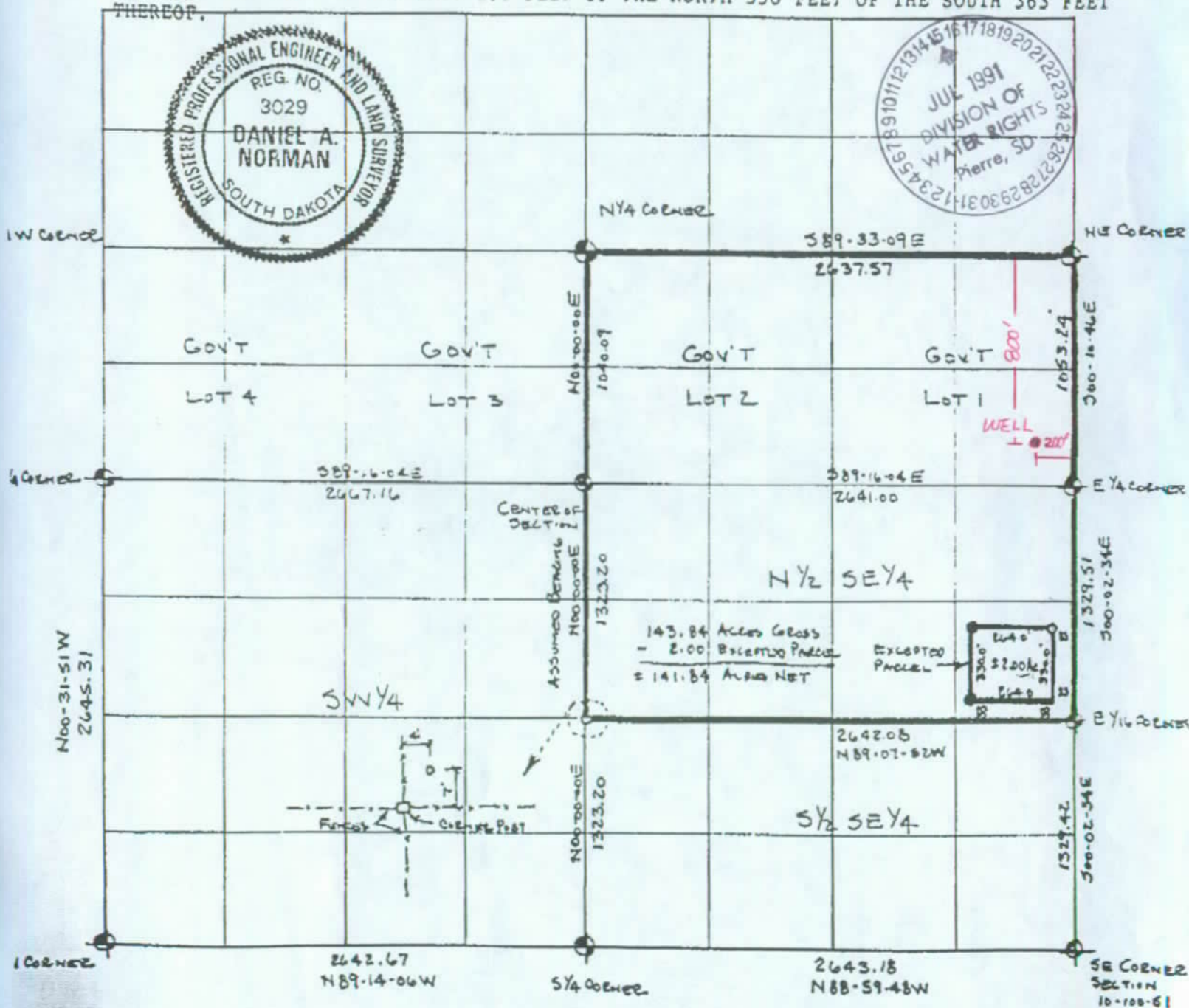
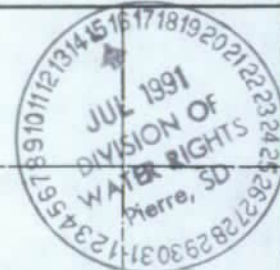
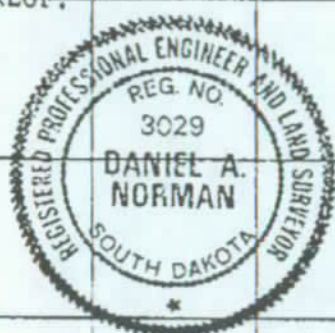
Date 4/9/91

SECTION PLAT SHEET

OWNER N. C. HANSEN FARMS INC.DATE JANUARY 5, 1990SECTION 10 TOWNSHIP 100RANGE 51COUNTY LINCOLN STATE SOUTH DAKOTA SCALE NONE

****LEGAL DESCRIPTION**** GOVERNMENT LOTS 1 AND 2 IN THE NE $\frac{1}{4}$ OF SECTION 10, TOWNSHIP 100 NORTH, RANGE 51 WEST OF THE 5TH PRINCIPAL MERIDIAN, LINCOLN COUNTY, SOUTH DAKOTA.

THE NORTH ONE-HALF OF THE SOUTHEAST QUARTER (N $\frac{1}{2}$ SE $\frac{1}{4}$) OF SECTION 10, TOWNSHIP 100 NORTH, RANGE 51 WEST OF THE 5TH PRINCIPAL MERIDIAN, LINCOLN COUNTY, SOUTH DAKOTA; EXCEPT THE WEST 264 FEET OF THE EAST 297 FEET OF THE NORTH 330 FEET OF THE SOUTH 363 FEET THEREOF.



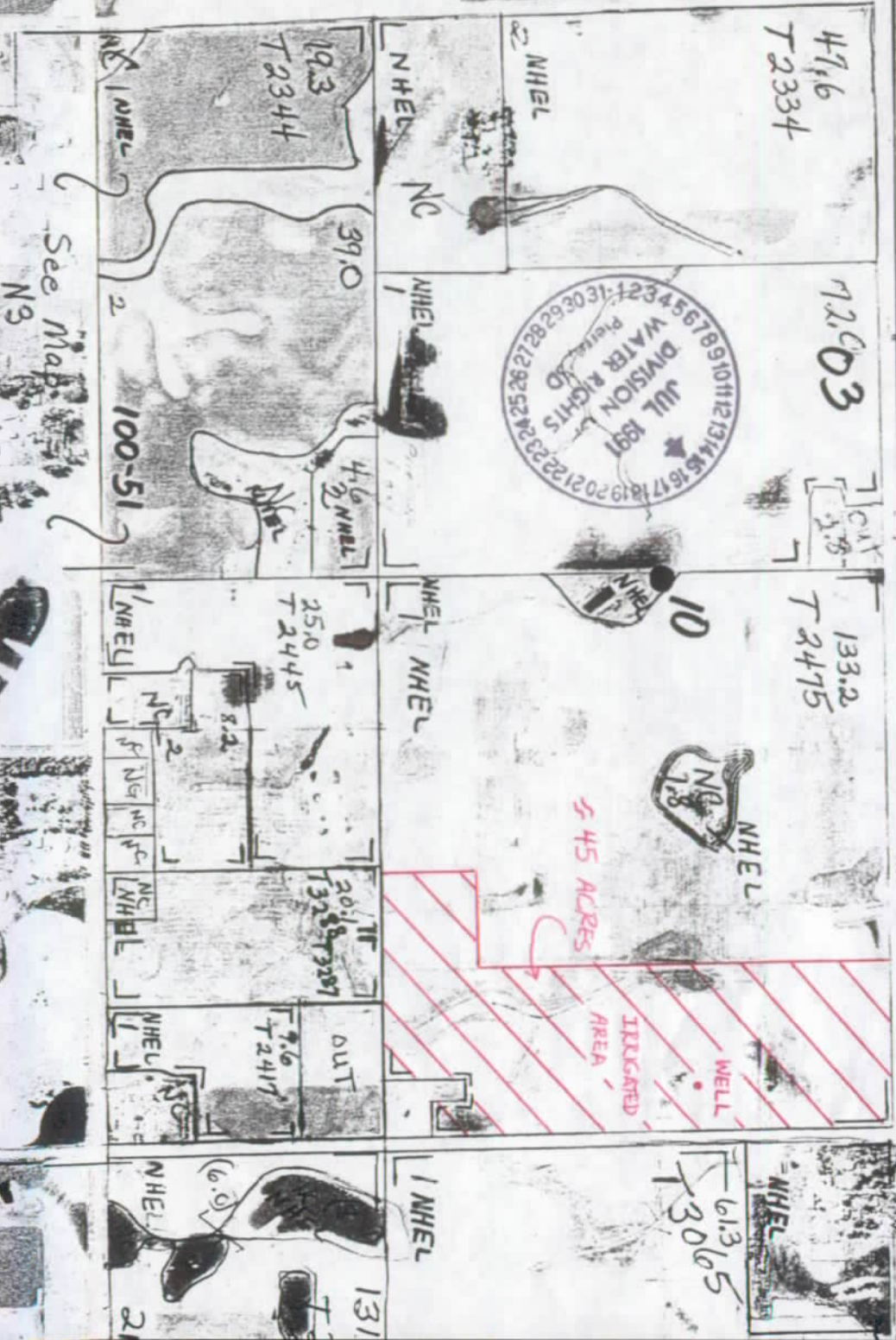
Appl. No. 5580-3

Linn County A.S.C.S.
Box 177
Canton, SD 57013

Minnehaha County

James S. Johnson

Min

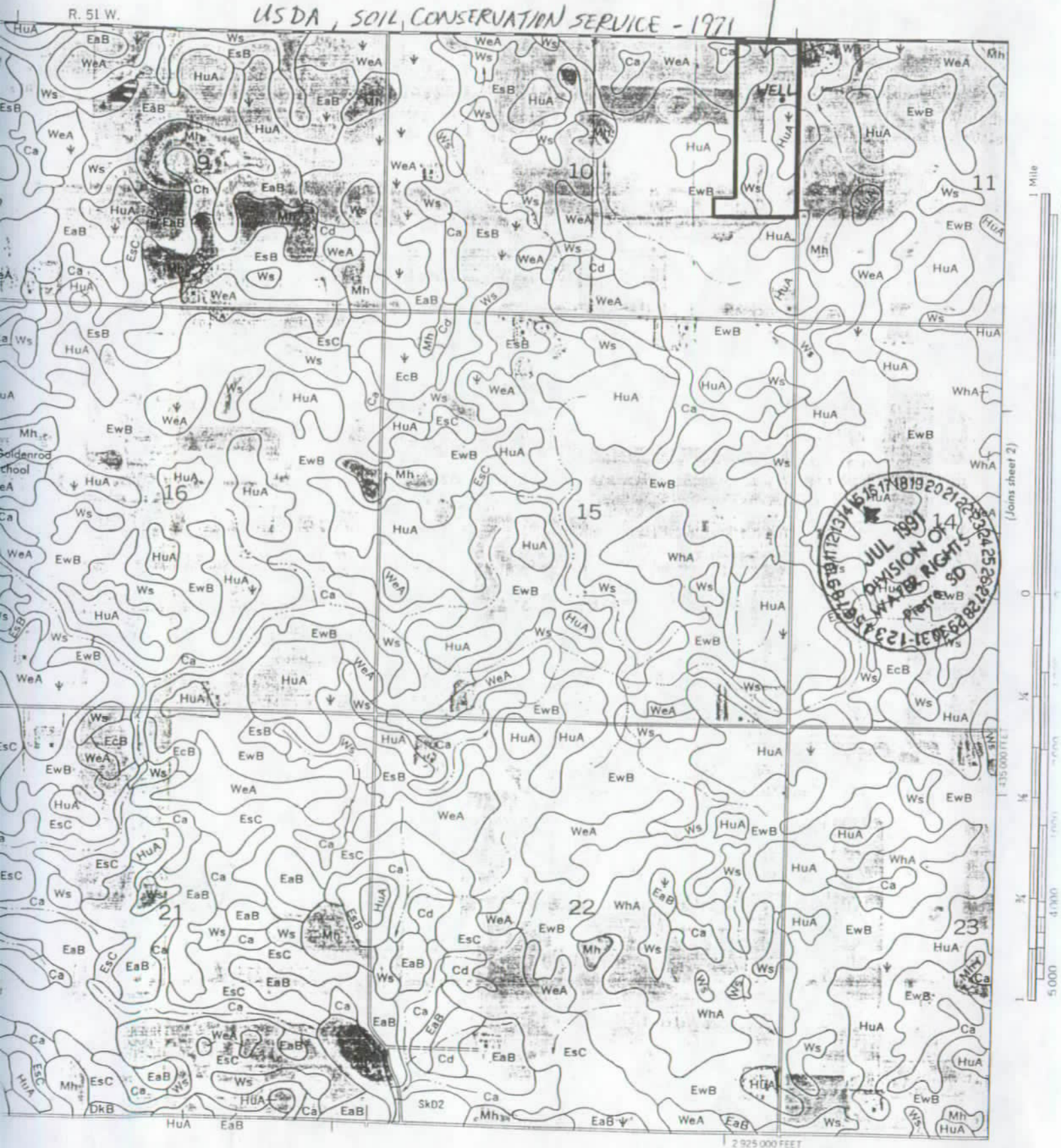


SOUTH DAKOTA - SHEET NUMBER 1

FROM SOIL SURVEY OF LINCOLN
COUNTY, S.D.

USDA, SOIL CONSERVATION SERVICE - 1971

AREA TO BE IRRIGATED





LINCOLN COUNTY, SOUTH DAKOTA

NARRATIVE DESCRIPTIONS USED IN CONSERVATION PLANNING

October, 1976

LAND

CAPABILITY

SYMBOL

CLASS

ACA

II

Alcester silty clay loam, 0 to 2 percent slopes -- Deep, nearly level, moderately well drained, silty soils on foot slopes & in drainageways. They formed in sediments washed in from adjacent uplands. Productive soils with few limitations. Pasture Group K.

AcB

IIa1

Alcester silty clay loam, 2 to 6 percent slopes -- Deep, gently sloping, moderately well drained, silty soils on foot slopes and in drainageways. They formed in sediments washed in from adjacent uplands. Moderate water erosion hazards. Pasture Group K.

Af

VIw1

Alcester silty clay loam, channeled, 0 to 2 percent slopes -- Deep, moderately well drained, silty soils in narrow valleys that are cut by deep, meandering stream channels. Subject to flooding. Best suited for pasture. Pasture Group A.

Ah

II, IIw3

Alcester & Lamo silty clay loams, 0 to 2 percent slopes -- Deep, moderately well drained silty soils associated with deep, somewhat poorly drained, limey, silty soils on broad stream bottoms. Productive soils with minor wetness problems. Pasture Group K.

Bo

IIIw4

Bon soils, frequently flooded, 0 to 2 percent slopes -- Deep, loamy & sandy soils mainly on bottoms of the Big Sioux River. Flooding and seasonal water tables delay farming operations in most years. Included sandy soils also subject to soil blowing in fall & winter months. Pasture Group A.

Ca

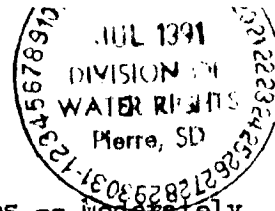
IIw1

Chancellor-Tetonka silty clay loams, 0 to 2 percent slopes -- Deep, somewhat poorly drained soils closely associated with deep, poorly drained soils that have claypan subsoils at depths of about 19 inches. Wetness delays farming and limits choice of crops. Pasture Group A.

Ca

IIw1

Chancellor-Viborg silty clay loams, 0 to 2 percent slopes -- Deep, somewhat poorly drained, silty soils closely associated with deep, moderately well drained silty soils. In swales & shallow depressions. Wetness is main problem. Pasture Group A.



SYMBOL CLASS

DmB IIIIs2

Dempster silt loam, 2 to 6 percent slopes -- Moderately deep, gently sloping, well drained soils underlain by sands and gravels at depths of from 26 to 40 inches. Water storage capacity and rooting depths limited by underlying sands and gravels. Somewhat droughty. Subject to water erosion and soil blowing. Pasture Group D.

EaB IIe3

Egan silty clay loam, 3 to 6 percent slopes -- Deep, well drained, gently sloping, silty soils on uplands. Good water intake. Water erosion is main problem. Soil blowing is minor problem. Pasture Group F.

EcB IIe3, IIIw1

Egan-Chancellor silty clay loams, 2 to 4 percent slopes -- Deep, well drained, silty soils on gentle slopes closely associated with deep, somewhat poorly drained, silty soils in swales & depressions. Water erosion on slopes and wetness in the swales and depressions are problems. Pasture Group F.

EsB IIe3

Egan-Shindler complex, 2 to 6 percent slopes -- Deep, well drained, silty soils and deep, well drained, loamy soils with thin surface layers on gentle slopes. Moderate water erosion and slight soil blowing hazards. Pasture Group F.

EsC IIIe2

Egan-Shindler complex, 6 to 9 percent slopes -- Deep, well drained, silty soils and deep, well drained, loamy soils with thin surface layers on sloping uplands. Severe water erosion and slight soil blowing hazards. Pasture Group F.

EwB IIe3, IIIw1

Egan-Worthing complex, 2 to 6 percent slopes -- Deep, well drained, silty soils on gentle slopes closely associated with deep, poorly drained, clayey soils in depressions. The main problems are water erosion on the slopes and wetness in the depressions. Pasture Group F.

(Gr) I3

Graceville silty clay loam, 0 to 2 percent slopes -- Deep, moderately well drained, silty soils that are deep (40 to 60 inches), to sands and gravels. They are on high, stream terraces. Productive soils with few limitations in use. Pasture Group K.

HuA IIIs2

Huntimer silty clay loam, 0 to 2 percent slopes -- Deep, nearly level, well drained, silty soils with clayey subsoils on uplands. Clay subsoils limit rooting, water intake, and moisture release to plants. Pasture Group I.

La IIw3

Lamo silty clay loam, 0 to 1 percent slopes -- Deep, somewhat poorly drained, silty soils on stream bottoms that are occasionally flooded and have seasonal water tables. Time of tillage is often delayed by wetness and yields are affected. Pasture Group A.

SYMBOLCLASS

ShD2	VIe3	Shindler-Egan complex, 9 to 15 percent slopes eroded, -- Deep, well drained, loamy soils with thin surface layers closely associated with deep, well drained, silty soils on strongly sloping uplands. Severe water erosion hazard. Best suited for pasture or hayland. Pasture Group F.
SmF	VIIel	Shindler-Renner complex, 15 to 40 percent slopes -- Deep, well drained, loamy soils on moderately steep to steep slopes closely associated with deep, moderately well drained, loamy soils on foot slopes and in drainageways. Occurs on wooded slopes of Newton Hills area. Very severe water erosion hazard. Best kept in permanent vegetation.
StD	VIe3, VIIIs2	Shindler and Talmo soils, 6 to 30 percent slopes -- Deep, well drained, loamy soils formed in glacial till associated with very shallow (0 to 10 inches) loamy soils underlain by sands and gravels; on terrace escarpments and river breaks. Droughtiness and severe water erosion hazards are main problems. Best suited for pasture. Pasture Group F.
SwF	VIIel	Steinauer-Shindler clay loams, 25 to 40 percent slopes -- Deep, loamy soils with thin surface layers. They formed in glacial till on steep uplands. Very severe water erosion hazard. Best suited for native grass pasture..
Te	IIwl	Tetanka silty clay loam, 0 to 1 percent slopes -- Deep, poorly drained, silty soils with claypan subsoils at depths of about 19 inches. They are in depressions that are subject to ponding for long periods unless drained. Pasture Group A.
ThB	IIIsl	Thurman fine sandy loam, 2 to 6 percent slopes -- Deep, gently undulating, somewhat excessively drained, sandy soils. They have a low water storage capacity and a severe soil blowing hazard. Pasture Group H.
ThC	IVsl	Thurman fine sandy loam, 6 to 9 percent slopes -- Deep, sloping, sandy soils. They have a low water storage capacity and a very severe soil blowing hazard. Pasture Group G.
WesA	I2	Wentworth silty clay loam, 0 to 2 percent slopes -- Deep, nearly level, silty soils on uplands. Good water intake. They have few or no limitations in use. Pasture Group F.
WhA	I2, IIwl	Wentworth-Chancellor silty clay loams, 0 to 2 percent slopes -- Deep, well drained silty soils closely associated with deep, somewhat poorly drained soils in swales & depressions. Wentworth soils have few limitations in use, but Chancellor soils are subject to overflow & wetness. Pasture Group F.

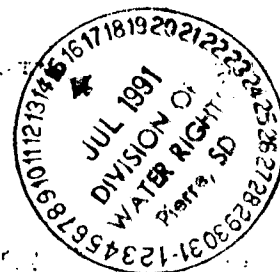
SYMBOL

CLASS

vs

IIIM1

... orthing silty clay. 0 to 1 percent slopes --Deep, poorly
drained, clayey soils in enclosed depressions that are
frequently ponded from runoff waters from adjacent slopes.
Drainage necessary for successful cultivation. Difficult
to farm. Undrained areas best suited for pasture or for
wildlife. Pasture Group A.



RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

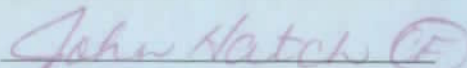
412738

Pierre, July 15, 1991

RECEIVED OF Wayne K. Larsen, 7422 S. Ireland Ct., Aurora, CO 80016

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

Fee for Application for Permit No. <u>5580-3</u> to Appropriate Water, to construct works and to put water to beneficial use _____	150	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 _____		
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	150 00

By John Hatch 
Chief Engineer

July 10, 1991



Water Rights Division DWR
Joe Foss Building
Pierre
South Dakota 57501

Gentlemen:

Enclosed please find an application for a water permit consisting of the following:

- Two notarized copies of form #2
- Two copies of form #2A
- One ASCS land map showing the well and proposed irrigation area
- One survey plat showing the approximate location of the well
- One SCS soil map showing the well and proposed irrigation area
- One set of soil descriptions with applicable soils highlighted
- One township map showing the well and the surrounding farms.
- One completion report showing the test hole log data
- One completion report showing the actual drilling and casing
- One check for \$150.00 for the application fee

Please note that the legal location of the well on the completion report was incorrect and I have changed it on the report. The official copy submitted by the well driller should be corrected to reflect the Government Lot #1 location.

I do not have a water sample to submit to Brookings for testing as we have not yet run a pump in the well. I believe that there is a State test well located in Section 11 to the east of my well in addition to wells to the east and west on the Louis Hanson and Leroy Geiken farmsteads (See enclosed township map). If possible, could the records be checked on these wells to see if they would have a water analysis that would suffice. If this is not acceptable, please let me know as soon as possible so that I can get a pump in the well and get a sample sent to Brookings.

If there are any other questions, please call me at work at (303) 930-3071 or at home at (303) 690-7946.

Sincerely,

Wayne K. Larsen



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

GREAT FACES. GREAT PLACES.

July 16, 1991

Wayne K Larsen
7422 S Ireland Court
Aurora CO 80016

Dear Mr. Larsen:

In regard to your water permit application received on July 15, 1991, you questioned if the water sample needed to be taken from the actual well or if the water analysis could be used from the observation well located in the area. I talked with Jim Stukel with the Department of Agriculture. Mr. Stukel stated it would be necessary to submit a water sample from the actual well.

Enclosed is the instruction sheet and a label to attach to your water sample. The water permit application can not be considered until the application is complete and the soil/water permit is obtained from the Department of Agriculture.

If you have any questions, please contact this office.

Sincerely,

A handwritten signature in cursive script that reads "Karen Schlaak".

Karen Schlaak
Natural Resources Analyst
605 773-3352

enclosures

July 29, 1991



Dept. of Environment & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181

Attn: Ms. Karen Schlaak

Gentlemen:

I have received your letter dated July 16, 1991 informing me of the need for a water sample from my specific Lincoln County well. I anticipate that this sample will be collected and sent to the Water Quality Lab in Brookings by August 15th. If anything changes on this timing, I will contact you further. Thank you for considering my original request. Is there anything else that is missing from the application that I could pursue concurrently with the water sample to speed up the process? Please contact me at (303) 690-7946 if additional information is required.

Sincerely,


Wayne K. Larsen

August 21, 1991



Dept. of Environment & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181

Attn: Ms. Karen Schlaak

Gentlemen:

This is a follow-up to my letter dated July 29, 1991. The water sample from my specific well in Lincoln County has been taken and shipped by UPS to the Water Quality Lab in Brookings. This sample was taken the afternoon of the 20th and shipped the morning of the 21st. As I have not heard back from you since my letter of July 29, I am assuming that you currently have all of the information required to process my application.

Please contact me at (303) 690-7946 if additional information is required.

Sincerely,

Wayne K. Larsen

Conversation or File Documentation

NAME OF PERSON OR FILE: Jim StukelADDRESS: Conservation COUNTY _____

DATE: _____ TELEPHONE _____

RE: Soil/Water

COMMENTS:

Jim said we didn't know if the well of Mrs. Hansen's and ~~the~~ the observation well were less than 2000 feet so it would be best to submit a water sample from the actual 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: Karen Schlaak

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation



Office Use Only

4644

WR#

OWNERS NAME: LARSEN, WAYNE K. OWNERS ADDRESS: 7422 SOUTH IRELAND COURT
AURORA, COLORADO 80016

COUNTY LAND LOCATED IN: LINCOLN PHONE: (303) 690-7946

LEGAL DESCRIPTION:

☒ Well

☐ Surface

1. LOCATION GOVERNMENT LOT #1 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 10-T100N-R51W

Depth _____

Legal Description	Acres	Legal Description	Acres
GOVERNMENT LOT #1 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 10-T100N-R51W	20		
NE $\frac{1}{4}$ SE $\frac{1}{4}$ 10-T100N-R51W	25		

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

3. CROPS TO BE IRRIGATED: TREES & VEGETABLES.

WATER QUALITY:

4. WATER SAMPLE NUMBER: 91-0428

7. ADJUSTED (SAR): 2.62

5. SALINITY (EC X 10⁶): 1850

8. PERCENT SODIUM: 12.28

6. SODIUM (SAR): 0.93

Requirements:

The 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.

XXX APPROVED

DISAPPROVED

WAIVER

XXX REQUIREMENTS

Director, Division of Conservation

SEPTEMBER 10, 1991

Date

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

REPORT ON APPLICATION NO. 5580-3
for Wayne K. Larsen
October 31, 1991

Application No. 5580-3 proposes to appropriate 0.223 cfs (100 gpm) from one well approximately 172 feet deep located in the SE 1/4 NE 1/4 (lot #1) to irrigate 45 acres in the SE 1/4 NE 1/4 (lot #1) and the NE 1/4 SE 1/4; all in section 10, T100N R51W in Lincoln County.

AQUIFER - WALL LAKE (WAL)

The Wall Lake aquifer is a buried glacial outwash (sand and gravel) under confined (artesian) conditions. The Wall Lake underlies 25,100 acres and contains an estimated 70,400 acre feet of recoverable water in Lincoln County and underlies 17,300 acres and contains an estimated 75,690 acre feet of recoverable water in Minnehaha County (Hedges, 1982).

The Division of Water Rights monitors one observation well (LN-80P) which is located about 1/2 mile south of this application. Water levels for this well do not fluctuate significantly for the period of record. There appears to be an effect of climatic conditions, that is, gradually rising water levels during wet years (recharge) and gradually declining water levels during dry years. The aquifer is capable of sustaining additional withdrawals (Water Rights, 1991).

According to the well completion report submitted with the application, the aquifer was encountered from 122 to 170 feet below land surface, had a static water level of 98 feet below land surface and was capable of pumping 100 gpm using air for development. The well is completed in accordance with SD Well Construction Standards.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are no other existing water permits/rights in this area which obtain water from the Wall Lake aquifer. Interference should not be a problem. This is a confined aquifer and drawdown due to pumping can be expected. These drawdown will not adversely affect water availability from the aquifer.

CONCLUSIONS

1. Water is available from the Wall Lake aquifer.
2. The aquifer is under confined conditions and drawdown due to pumping can be expected. Interference is not expected to be a concern.

3. This well has been constructed in accordance with SD Well Construction Standards.


James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

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

Water Rights, 1991, Observation Well Records for the Wall Lake Aquifer, SD DENR, Division of Water Rights, Pierre, SD, 57501.

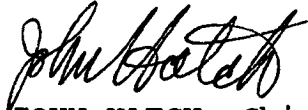
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5580-3, Wayne K. Larsen

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. 5580-3, Wayne K. Larsen, 7422 S Ireland, Aurora, CO 80016.

The Chief Engineer is recommending APPROVAL of Application No. 5580-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) 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
November 1, 1991



GREAT FACES. GREAT PLACES.

**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.

December 16, 1991

Wayne K Larsen
7422 S Ireland Court
Aurora, CO 80016

Dear Mr. Larsen:

Water Permit Application No. 5580-3 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 Lennox Independent printed at Lennox, SD. 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.



GREAT FACES. GREAT PLACES.

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

December 16, 1991

Lennox Independent
Box 76
Lennox, SD 57039

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 5580-3 to be published twice. Please publish the first notice on December 26, 1991, 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 Wayne K Larsen, 7422 S Ireland Court, Aurora, CO 80016.

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST 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
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 12-26-91 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5580-3 to Appropriate Water

Notice is given that Wayne K Larsen, 7422 S Ireland Court, Aurora, CO 80016 has filed an application for a water permit to appropriate 0.223 cubic feet of water per second from one well (Wall Lake Aquifer) 172 feet deep located in the SE 1/4 NE 1/4 (Lot #1) to irrigate 45 acres in the SE 1/4 NE 1/4 (Lot #1) and NE 1/4 SE 1/4; all in Section 10-T100N-R51W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5580-3 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. 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 January 13, 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.

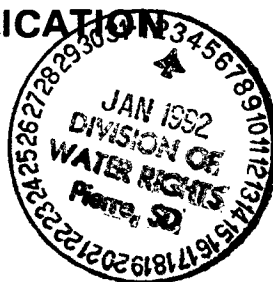
For purposes of publishing 1) the notice of hearing on Application No. 5580-3 and 2) the chief engineer's recommendation, a meeting at the Division of Water Rights office to hear this application is scheduled for January 22, 1992, at 9:00 am in Room 413, Joe Foss Building, 523 E Capitol, Pierre SD. If this application is opposed or the recommendation is contested, the January 22, 1992, hearing date will be rescheduled for a regularly scheduled Board meeting. Notice of the time and place of the rescheduled hearing before the Board will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The January 22, 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 January 13, 1992.

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. 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 Lincoln) ss.



I, Verlyn Hofer

certify that the attached printed Notice was taken
 from the Lincoln Independent

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

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

Dec. 25, 1991

Jan. 2, 1992

Verlyn Hofer
 (Signature)

Owner/publisher
 (Title)

Jan. 3, 1992
 (Date Signed)

Cost of Printing: 45.68

**NOTICE OF HEARING
 ON APPLICATION NO. 5580-3
 TO APPROPRIATE WATER**

Notice is hereby given that Wayne K. Larsen, 7422 S. Ireland Court, Aurora, CO 80016 had filed an application for a water permit to appropriate 0.223 cubic feet of water per second from one well (Wall Lake Aquifer), 172 feet deep located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ (Lot #1) to irrigate 45 acres in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ (Lot #1) and NE $\frac{1}{4}$ SE $\frac{1}{4}$; all in Section 10-T100N-R51W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5580-3 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. 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 January 13, 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.

For purposes of publishing 1) the notice of hearing on Application No 5580-3 and 2) the chief engineer's recommendation, a meeting at the Division of Water Rights office to hear this application is scheduled for January 22, 1992, at 9 a.m. in Room 413, Joe Foss Building, 523 E. Capitol, Pierre, SD. If this application is opposed or the recommendation is contested, the January 22, 1992, hearing date will be rescheduled for a regularly scheduled Board meeting. Notice of the time and place of the rescheduled hearing before the Board will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The January 22, 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 January 13, 1992.

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 the application based on the facts presented at the public hearing. 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 Right 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 through 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. 52-2t



JAN 22 1992

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

Wayne K. Larsen
7422 S Ireland
Aurora, CO 80016

Dear Mr. Larsen:

Enclosed is Water Permit No. 5580-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

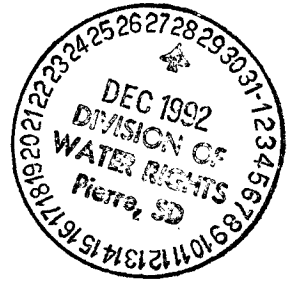
JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

enclosures

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.

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



Date 12-21-92

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

FROM: WAYNE K. LARSEN 605 LAS ARENAS COURT
(name) (address)
BAKERSFIELD, CA 93312 805-589-3787
(city) (state) (zip) (phone)

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 5580-3.

Water Permit No. 5580-3 states that the diversion system is to be constructed by JANUARY 22, 1997, and that the water is put to beneficial use by JANUARY 22, 2001.
(date) (date)

The diversion system was completed on APRIL 28, 1992.
(date)

Applying the water to beneficial use was completed on JULY 1, 1992.
(date)

You may schedule an inspection so that the Water License may be issued.

Wayne K. Larsen
(signature)

THE DIVERSION SYSTEM & THE APPLICATION OF WATER FOR BENEFICIAL USE IS ONLY PARTIALLY COMPLETE. CURRENTLY 12 ACRES ARE UNDER IRRIGATION. ADDITIONAL ACRES WILL BE ADDED IN THE COMING YEARS. WELL IS COMPLETED. SURFACE LINES ARE NOT COMPLETE.

Permit No. 5580-3
Big Sioux River - Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

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

I have this day, July 22, 1997 made a thorough examination of the water use system constructed by Wayne K. Larsen of 605 Las Arenas Court, Bakersfield CA 93312 holder of Permit No. 5580-3, bearing the priority of July 15, 1991 authorizing the diversion of 0.233² cu. ft. per second of the waters of Wall Lake Aquifer for irrigation purposes, in Lincoln County.

(Signature)

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

A. Works used to divert the water:

One well 172 feet deep with 152 feet of 8 inch pvc casing and 20 feet of pvc screen. Gould pump with a 35 gpm capacity and a Franklin motor rated at 5 hp.

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

1 inch black plastic pipe.

C. Works used to apply water to beneficial use:

Risers with 1/2 inch drip hoses.

The system is in the following condition good. The point of diversion is located 800' S and 200' W of the NE corner Section 10, T100N, R51W. The works are capable of diverting and conveying to the place of use 0.078 cu. ft. per second of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:

All in Section 10 T100N, R51W:

SE 1/4 NE 1/4 5 acres

NE 1/4 SE 1/4 5 acres

comprising a total of 10 acres of land and the license should be issued for 0.078 cfs.

Applicable permit qualifications have been complied with: yes

Exceptions to compliance are: none

Lynn Beck

Lynn Beck
Natural Resources Engineer
DENR, Water Rights Program

8-12-97
Date

REPORT ON INSPECTION OF PERMIT NO. 5580-3

DATE OF INSPECTION: 7-22-97

Other permit(s) associated with the project: none

NAME & ADDRESS OF INSPECTION CONTACT: none

RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE: n/a

NAME & ADDRESS OF PERMIT HOLDER: Wayne K. Larsen, 605 Las Arenas Court, Bakersfield CA 93312, (805) 589-3787

DIVERSION POINT LEGAL LOCATION: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10, T100N, R51W 800' S and 200' W of the NE corner Section 10.

WELL INFORMATION:

- 1) Well Drilling Firm: Dave Putzke Well Drilling Inc.
- 2) No. of Wells 1
- 3) Depth(s) 172 feet
- 4) Well log is available yes

Casing:

- 1) Diameter 8 inches
- 2) Length 152 feet
- 3) Type pvc

Screen:

- 1) Type pvc
- 2) Length 20 feet
- 3) Static water level 98 feet

Pump:

- 1) Make Gould
- 2) Model #
- 3) Size #
- 4) Capacity 35 GPM

Motor:

- 1) Make **Franklin**
- 2) Model No. **#**
- 3) Horsepower rating **5** hp

DISTRIBUTION LINES OR CANALS: 2" plastic pipe to risers with $\frac{1}{2}$ " hoses.

- 1) Type **black plastic**
- 2) Size **2** inches
- 3) Length **#** feet

SYSTEM TYPE: Risers with $\frac{1}{2}$ inch hoses for drip irrigation.

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**

Appl. No. 5580-3

Lincoln County A.S.C.S.

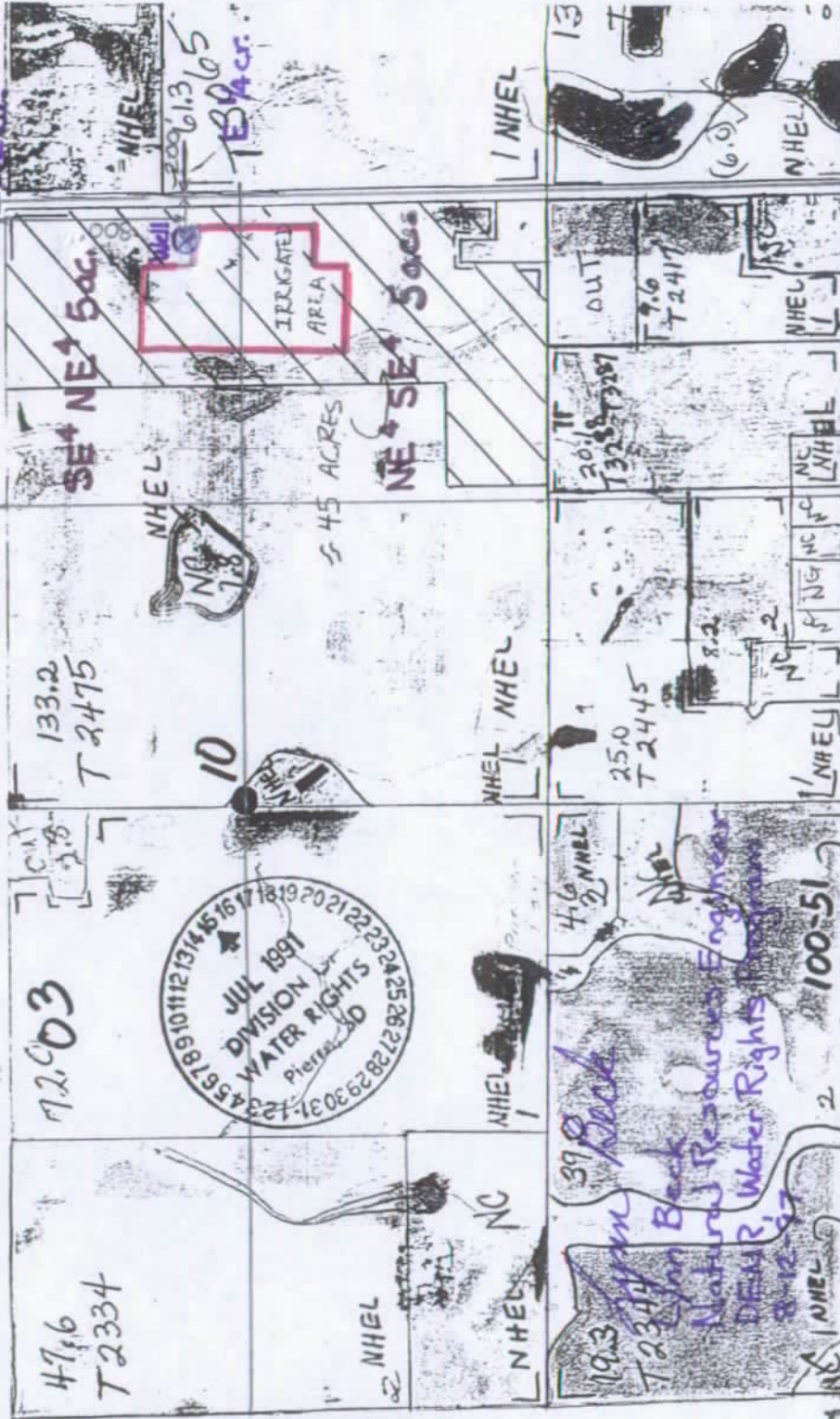
Box 177

Canton, SD 57013

Minnehaha County

Jan Eidsheim

Min



STATE OF SOUTH DAKOTA

WATER LICENSE NO. 5580-3

(1) Wayne K Larsen, 26865 468th Ave., Sioux Falls, SD 57106-8017 made Application No. 5580-3, July 15, 1991 for a water permit to divert 0.223 cubic feet of water per second from ground water (one well - Wall Lake Aquifer), Lincoln County, South Dakota for irrigation purposes. Permit No. 5580-3, with a priority date of July 15, 1991 was approved January 22, 1992 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before January 22, 1997 and for the application to beneficial use of said water on or before January 22, 2001.

(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 0.078 cubic feet of water per second for beneficial use. The location of the diversion point is 800'S and 200'W of the NE corner of Section 10, T100N, R51W (SE $\frac{1}{4}$ NE $\frac{1}{4}$). **Note** - this is not a regular sized section.

(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:

Section 10, T100N, R51W	SE $\frac{1}{4}$ NE $\frac{1}{4}$	5 acres
	NE $\frac{1}{4}$ SE $\frac{1}{4}$	5 acres
	Total	10 acres

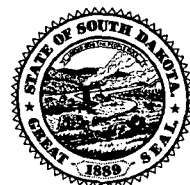
(4) Pursuant to South Dakota Water Law 46-5-30.1 Wayne K Larsen, 26865 468th Ave, Sioux Falls, SD 57106-8017 the holder and/or owner of Water Permit No. 5580-3 is issued a license to appropriate water, the right to use 0.078 cubic feet of water per second from ground water (one well - Wall Lake Aquifer) with a priority date of July 15, 1991 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 Water Permit No. 5580-3 and subject to South Dakota State Law.


JOHN HATCH, Chief Engineer
Water Rights Program

Department of Environment and Natural Resources

NOV 12 1997

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 15, 1997

5580-3

Wayne K. Larsen
26865 468th Ave.
Sioux Falls, SD 57106-8017

Dear Mr. Larsen:

The investigation of your water use system, including the extent of application of water to beneficial use, as developed under Water Permit No. 5580-3, has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the investigation and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

**Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181**

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Program
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

Division of Water Rights

South Dakota Department of Environment and Natural Resources

415459

Pierre, _____ September 5, 1997

RECEIVED OF Country Acres Tree Farm (Wayne Larsen), 26845 - 468th Ave., Sioux Falls, SD 57106
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. <u>5580-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatch
Chief Engineer