

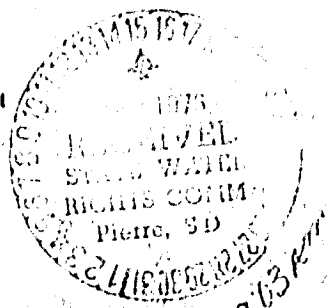
Water Right Number 3105-3

1. Considered 11-17, 19 70
2. Name of Applicant LARRY TSCHETTER
3. Post Office Address HITCHCOCK
4. Amount of water claimed 2.00
5. Source of water supply 79' DEEP WELL
6. Water to be used for IRRIGATION
- Acres to be irrigated 140
7. Water to be diverted and used in BEADLE County
about 25, 11E Miles of HITCHCOCK
8. Proof of Publication Received 11-8-76

Not received _____

3105-3

10/31/78 Well 75' deep
Dug 400 yds
Cape County
1st 1/2 sec 14E 2nd 1/2 sec 14E
Twp 14N R 20W Sec 41
Camp County Nebraska
Acres 71000, 1st 1/2 sec 14E
1st 1/2 sec 14E, 1st 1/2 sec 14E
Sec 14E 3rd 1/2 sec 14E
6 1/2 sec 14E 2nd 1/2 sec 14E
Sec 14E 2nd 1/2 sec 14E
Sec 14E 3rd 1/2 sec 14E
Sec 14E 4th 1/2 sec 14E

No. 3105-3Map No. 2429-3 Water Division No. 3 JAMES RIVER District _____
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE--Draw a line through items not applicable)

1. Name of Applicant Larry Tschetter
- Postoffice address Hitchcock, State South Dakota 57348
- If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract & direct labor
3. Name of diversion work L. TSCHETTER #1
4. Amount of water claimed (cubic feet per second) 2.0
5. Source of water (apply ☒ ground water)
6. Location of point of diversion proposed--approximately 90 rods west and 80 rods north of the SE 1/4 Section 8, 113-61W
- County Beadle
7. Annual period or periods during which water is to be used April 1-November 1
8. Use to be made of water (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. For irrigation use, 113-61W Total number of acres to be irrigated 140 acres

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

Section Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
SW 1/4 Sec 8, 113-61W	35		
SE 1/4 Sec 8, 113N-61W	35		
NW 1/4 Sec 8, 113N-61W	35		
NE 1/4 Sec 8, 113N-61W	35		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 2 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Daily Plainsman
12. Principal Features of the Proposed Water Supply System.
- A. Works proposed to divert water from its natural source.
- Bowl pump
- B. Works proposed to transport water to place of use.
- Main line
- C. Works proposed to apply water to beneficial use.
- Center pivot

Estimated Total Cost \$ _____

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA

County of BeadleI, Larry Tschetter the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.Signed Larry TschetterSubscribed and sworn to before me this 11 day of October, 1971

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3105-3
LARRY TSCHETTER R.R. # 3, HITCHCOCK
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57348 With the following modifications:
 (State)

The irrigation well approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in existing domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application OCTOBER 15, 19 76
 Date of return to applicant for correction, amendments or changes required _____, 19 ____
 Date of receipt of corrected application OCTOBER 21, 19 76
 Approved NOVEMBER 18, 19 76, Recorded in Book 16 Page 199

WATER RIGHT PERMIT NO. 3105-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3105-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is OCTOBER 15, 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MAY 18, 19 79
3. The whole of said work is to be completed on or before NOVEMBER 18, 19 81
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is NOVEMBER 18, 19 83
5. The water appropriated shall be used for the purpose of IRRIGATION
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 210 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before NOVEMBER 18, 19 83; and water to be used during the following described annual period: APRIL 1 - NOVEMBER 1

Witness my hand this 21ST day of DECEMBER, 19 76

WATER RIGHTS COMMISSION

By:

John H. Hark
 Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19 ____
 Water License Issued _____, 19 ____

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

(1) Drill Hole, Diameter 32, Depth 79
 (2) Casing, Type Fiber glass Diameter 16 Thickness
 (wood, concrete, steel, etc.)
 (3) Perforated Screen.
 Type Fiber glass Diameter 16, Length
 (4) Gravel Pack, Thickness 8", Length of gravel pack 79'

E. Dugout Information or Estimates.

(1) Surface dimensions , Depth

F. Fill out for Either a Well or a Dugout.

(1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials 2' to 36' clay
36' to 79' medium sand
79' shale

Depth to top of water bearing material 36

Depth to bottom of water bearing material 79

Thickness of water bearing material 43

Depth to water (ground surface to water level)

(2) Distance to nearest existing household or livestock watering wells.

On same owner's property 80 rds. On property owned by others 240 rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Larry D. Tochetti
 Signature of Applicant

CONSERVATION
COMMISSION
FORM W1 #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SCD 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)

NAME Larry tscheetter
ADDRESS Hitchcock, So. Dak.
COUNTY Beadle, So. Dak.

LEGAL DESCRIPTION

1. WELL LOCATION Neat Center of SE⁴ Section, 8-7113-261W
2. LOCATION OF AREA TO BE IRRIGATED SE⁴ Sec 8-7113-261W

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____
4. CROPS TO BE IRRIGATED Corn, Alfalfa, Grass

WATER QUALITY

5. SAMPLE NUMBER 76-1405
6. SALINITY (EC X 10⁶) 2913 (in 1/2" high)
7. SODIUM (SAR) 1.94 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and:
the soils information has been acquired from Beadle Conservation District,
County Extension office or Soil Conservation Service.

and:
that the legal description for the location of the well and land to be irrigated is true
and correct.

SUBSCRIBED AND SWORN BEFORE ME THIS
17 DAY OF September 19 76.

Karl Housker, Notary Public
(TITLE OR SEAL)

Larry D. Tscheetter
APPLICANT'S SIGNATURE
Approved/does not imply that this project can be carried
out successfully in all circumstances. Individual man-
agement will, to a large degree, determine the relative
success of this venture.

APPROVED/DISAPPROVED

(SOILS INFORMATION ON REVERSE SIDE)

REPORT OF ANALYSIS
 Water Quality Laboratory
 Water Resources Research Institute
 South Dakota State University
 Brookings, South Dakota 57006

Submitted by: Larry Teschetter
 Address: Hickcock, SD 57348

Date Rec'd: September 20, 1973
 Sample No.: 76-1408
 Identification: 11
EE1, Sec. 8, T 113, R 61

WATER ANALYSIS

Calcium (Ca)	328	ppm*	16.40	me/l
Magnesium (Mg)	80	ppm	6.25	me/l
Sodium (Na)	151	ppm	8.17	me/l
Potassium (K)	17	ppm	0.14	me/l
Sulfate (SO ₄)	1088	ppm	22.62	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	28	ppm	0.77	me/l
Bicarbonate (HCO ₃)	630	ppm	10.32	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		g.p.g.***
Hardness (EDTA as CaCO ₃)		ppm		
Alkalinity (Methyl Orange)	516	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	2493	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.94			
Sodium	21.92	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.42			
Others:				

*ppm=parts per million
 **me/l=millequivalents per liter

***g.p.g.=grains per gallon

COMMENTS: Total cations 29.97 me/l
 Total anions 33.71 me/l

By: Shirley Milton

Service Performed	Amount Due
Irrigation analysis	\$8.00
Make checks payable to: Water Quality Laboratory	
Cut along dotted line and return the lower portion with payment	
Sample No. <u>76-1408</u>	Amount Enclosed \$
	Signed

October 5, 1976

Mr. Larry Tschetter
Hitchcock, SD 57348

Dear Mr. Tschetter:

Your water sample (Lab. No. 76-1408) has been analyzed and the results are reported on the accompanying sheet, which is your copy to keep.

I am also enclosing a copy of AES pamphlet #13 for your use. The quality of your water for irrigation use is plotted approximately by means of the red cross in the chart on the outside back cover.

This water is marginal for use on the soils you intend to irrigate and should be considered for use only under the following conditions:

(1) It will be used no more than 3 times (preferably less) in any growing season.

(2) The soil will be completely filled with water so natural leaching can occur, by irrigating in the late fall just before freeze-up, at least one year out of 3.

(3) Water applications will be made each irrigation to completely re-wet the entire depleted soil within the rooting zone of the crop being grown. This may require 3-5 inches of water each irrigation with fine soils.

(4) If a salt problem or soil dispersion occurs, contact extension personnel or this office for management recommendations.

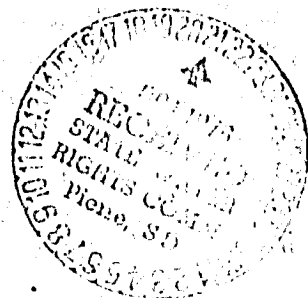
Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:ckh
Enclosures

cc: State Conservation Commission



Form 6. - Notice of Intent to Appropriate Water

No. 3105-3

Publish first publication, on or before
November 4, 1976

NOTICE OF INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

October 25, 1976

Notice is hereby given that Larry Tschetter

whose post office address is Hitchcock, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 2.0 cubic feet of water per second of time from the ground water through the L. Tschetter #1, the point of diversion of which is to be located in the

NE 1/4

of Section 8, Twp. 113N, Range 61W. Said water to be used for the purpose of providing irrigation on the following described land:

SE 1/4, Section 8, T113N, R61W

This application No. 3105-3 will be considered by the Water Rights Commission at the Marvin Hughitt Hotel in Huron, SD upon the 17th day of November, 1976 at 10:00 A. M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

BFJ/bw
cc:

Larry Tschetter, R.R. #3, Hitchcock, S.D. 57348

Form 8 - Proof of Publication - Notice of
Intent to Appropriate Water

No. 3105-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Beadle) ss.

I, Dorothy Murphy hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Huron Daily Plainsman

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 Huron of _____

County of Beadle and State of South Dakota, that the said notice was published in said newspaper on the following
two dates:

October 29, 1976

November 5, 1976

Dorothy Murphy
(Signature)

Bookkeeper
(Title)

November 5, 1976

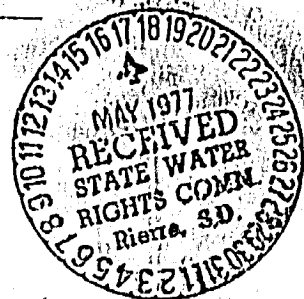
(Date Signed)

F.P. 10-27-76 11:57
NOTICE OF INTENT TO
APPROPRIATE WATER
Pierre, South Dakota 57501
October 19, 1976
Notice is hereby given that Larry
Tschetter, whose post office address
is, Hitchcock, South Dakota, has
made an application in accordance
with the provisions of the laws of
South Dakota for a permit to
appropriate for beneficial use 2.0
cubic feet of water per second of
time from ground water through the
J. Tschetter (No. 5) the point of
diversion of which is to be located in
the NE1/4 SE1/4 of Section 8, T1P
13N, Range 41W, said water to be
used for the purpose of providing
irrigation on the following described
lands: SE1/4 Section 8, T113N, R41W, 1/4
This application No. 3105-3 will be
considered by the Water Rights
Commission at the Marylin Hoonill
Hotel in Huron, S.D. upon the 17th
day of November, 1976 at 10:00 a.m.
All interested persons may appear
and be heard.
WATER RIGHTS COMMISSION
By Burton F. Jones
BURTON F. JONES
Water Rights Specialist
No. 637 (adv.)



Form 10.

No. 31053



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

Post Office Hitchcock South Dakota

Date May 14, 1977

TO: Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to the maximum extent it is going to be used, not exceeding the amounts as specified in Water Right Permit No. 31053

Water Right Permit No. 31053 states that the diversion system is to be constructed by Nov 18, 19 81 and that the water is to be put to beneficial use by Nov 18, 19 83.

The diversion system was completed on May 14, 19 77.
Applying the water to beneficial use was completed on May 16, 19 77.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

Larry D. Tacketter
(Signature)

No. 3105-3
3106-3

WATER RIGHTS DIVISION
Phone (605) 773-3352

March 7, 1983

Larry Tschetter
RR#3
Hitchcock, South Dakota 57340

Dear Mr. Tschetter:

Upon inspection of your permits 3105-3 and 3106-3 it was found that the land covered under both permits is being irrigated from the well approved for permit 3106-3. It will be necessary for you to apply for a change of diversion for permit 3105-3.

Enclosed are the forms to do this. If you will sign them and get them notarized and return them to this office with the \$50.00 fee we will process them. I don't see any problems getting this taken care of. When the change in diversion is approved we will issue a license to cover both permits.

If you have any questions please contact this office. Thank you.

Sincerely,

Kevin Larson
Water Resources Engineer

KL:ms
Enc.

Water Rights Division - DWR
Conversation or File Documentation

File No. (3105-3)
& 3106-3

NAME OF PERSON OR FILE: Larry Pechetter

ADDRESS: _____

COUNTY Bealle

DATE: 3-4-83

TELEPHONE _____

RE: Change in diversion point for 3105-3

COMMENTS: If Permit No. 3105-3 & 3106-3 would originally have been submitted as one application, there would be no problem with licensing the project for one well with application to change the well location. Since there are two separate permits, it will be necessary for the Permit or user to make application (\$50.00 fee under the new rules) for a change in diversion point for Permit No. 3105-3 for the following reasons:

1. The general policy we have followed for permits issued prior to the new rules was if wells were moved we would still license permit, w/o requiring an application to change the well location as long as the well was within the original advertised lands for the permit, there was or would be no interference w/ other wells and distances were within Conservation Commission rules requirements. Since the diversion point was moved off the original advertised lands for 3105-3, an application to change the well location is necessary.
2. The new rules allow a well to be moved up to 660 feet without an application. Since the well location was moved 1450 feet, the new rule does not help the Permit user.

New soil-water approval from the Conservation Commission should not be necessary since the change in location is less than 2000 feet and the chemical analyses for the two original well locations for the two permits are about the same.

The priority date can remain the same for a new application because no extension of or change in right has occurred, only a change in well location. When an application to change well location is approved, these two permits can be incorporated into one license.

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: John H. Tott

Water Rights Division - DWNR
Conversation or File Documentation

File No. 3106-3
3105-3

NAME OF PERSON OR FILE: LARRY TSCHETTER

ADDRESS: RR #3 HITCHCOCK, SD 57348 COUNTY BEADLE

DATE: 1-24-83 TELEPHONE 352-7676

RE: COMBINING TWO PERMITS INTO ONE LICENSE

COMMENTS:

ON THE INSPECTION COVERING PERMITS N°3105-3 & N°3106-3, IT WAS
DISCOVERED THAT THE OWNER LARRY TSCHETTER HAD CONSTRUCTED ONLY
ONE WELL. PERMIT N°3105-3 AS ISSUED AUTHORIZED IRRIGATION OF 140
IN THE SE¹ SECTION 8, T113N, R61W
ACRES FROM A WELL LOCATED 80 RODS N & 90 RODS W OF THE SE CORNER,
SECTION 8, T113N, R61W. PERMIT N°3106-3 AS ISSUED AUTHORIZED IRRIGATION
OF 140 ACRES IN THE SW¹ SECTION 8, T113N, R61W, FROM A WELL LOCATED
80 RODS N & 120 RODS E OF THE SW CORNER OF THE SAME SECTION. IN
THE TWO PERMITS HAVE A COMMON PRIORITY OF 10.15-76,
CONSTRUCTING THE SYSTEM, ONLY ONE WELL WAS INSTALLED, ABOUT
550' FROM THE PROPOSED LOCATION OF THE WELL UNDER N°3106-3.
THIS LOCATION IS ABOUT 1450' FROM THE WELL PROPOSED IN N°3105-3.
THE WELL UNDER PERMIT N°3105-3 HAS NOT BEEN CONSTRUCTED,
BUT 77 ACRES IN THE SE¹ ARE IRRIGATED FROM THE WELL UNDER
PERMIT N°3106-3. I HAVE CONTACTED THE CONS COMM AND THEY ARE
TO GET BACK TO ME. (WELL IS WITHIN PRESCRIBED DI. PLACES OF THE
AND WATER SAMPLES FROM THE TWO WELLS ARE ALMOST IDENTICAL.
CONS COMM SO DON'T KNOW WHY HE WOULD NEED A NEW WELL)

MY FEELING IS THAT THIS SHOULD BE LICENSED UNDER PERMIT
N°3106-3 WITH THE LANDS FROM 3105-3 INCORPORATED INTO
THE LICENSE. MY REASONING IS THAT IF IT HAD BEEN SUBMITTED
AS ONE APPLICATION (DON'T KNOW WHY IT WASN'T) IT WOULD HAVE BEEN
ADVERTISED AND APPROVED. DON'T THINK THIS TYPE OF INCORPORATION
THE INTENT OF THE
VIOLATES WATER LAWS OR OUR RULES

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.

4/82

NAME: Burt J. Trues

No. 4989-3

3105-3

3106-3

**South Dakota Department of
Water & Natural Resources**

Joe Foss Building
623 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

September 5, 1984

Larry Tschetter
RR#1, Box 80
Hitchcock, South Dakota 57348

Dear Mr. Tschetter:

Enclosed herewith is, Water License No. 4989-3. This is the final water right document completing your process of obtaining a water right.

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

Very truly yours,

John Hatch

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ms

Enclosures

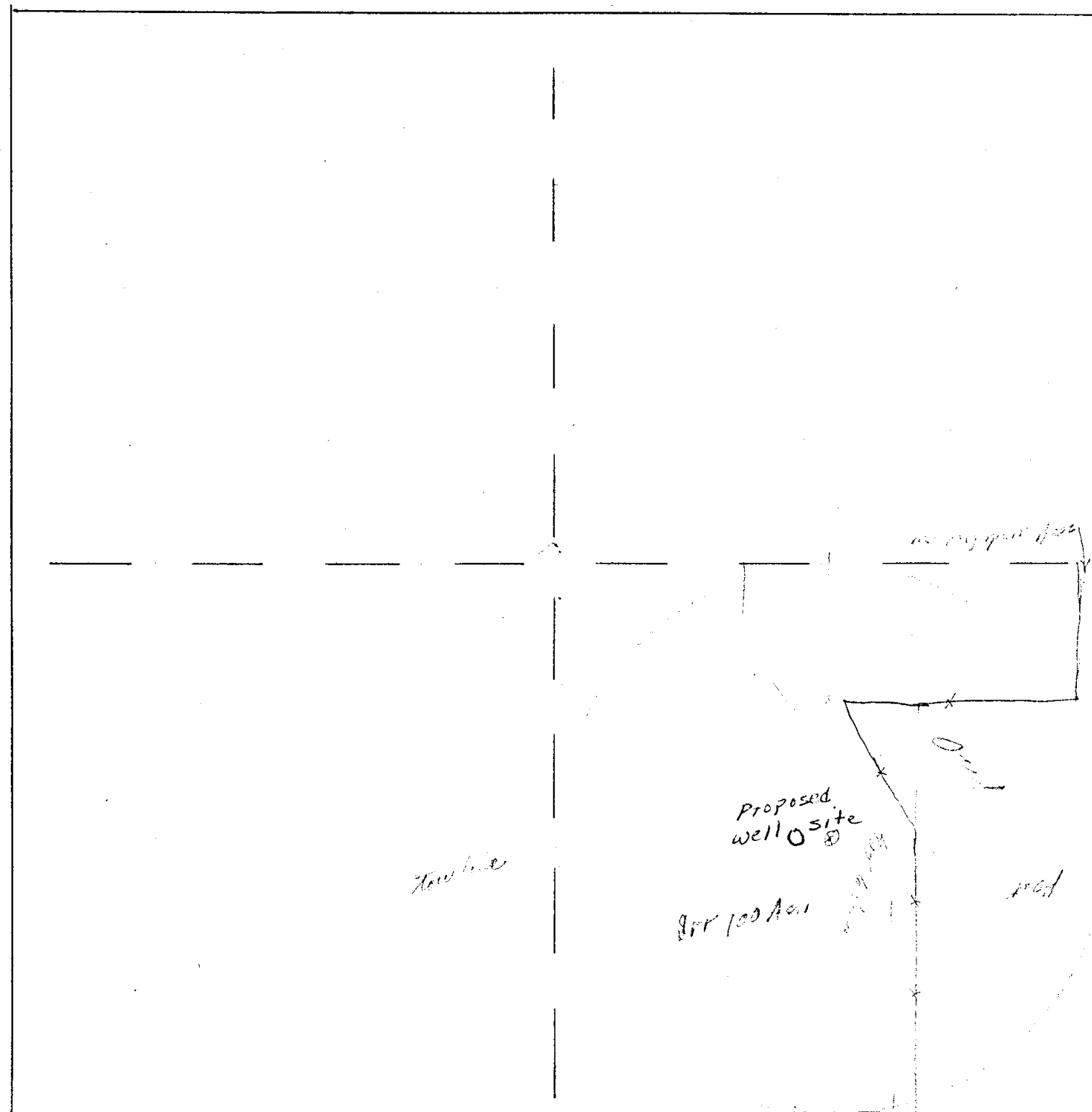
A copy of the Water Permit is enclosed.

Applicable portions of Water Permit Nos 3105-3 and 3106-3 have been incorporated into this Water License. All lands irrigated and the cubic feet per second retain an October 15, 1976 priority date.

WNR-817 3/83

Larry tschetter Proposed Irrigation project

Drawn by Lloyd E. Kallenberger
Soil Conservation Technician
9-17-76



7/5 CP

ALL Sec 8-113-61

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

Designed.....	Date.....	Approved by.....
Drawn.....		Title.....
Traced.....		Title.....
Checked.....	Sheet No. of.....	Drawing No.