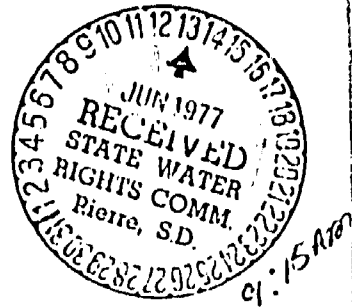


Water Right Number 4060-3

1. Considered 7-27, 77
2. Name of Applicant JACK SCHNETZER
3. Post Office Address WOLSEY
4. Amount of water claimed 8.0
5. Source of water supply SLOUGH
6. Water to be used for IRRIGATION
- Acres to be irrigated 560
7. Water to be diverted and used in BEADLE County
about 9N, 5W Miles of WOLSEY
8. Proof of Publication Received 7-25-77
- Not received _____
- Approved _____
- Subject to _____
- Not approved _____
- Action deferred _____

10. Remarks:

Map No. 3300-3 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 Jack Schnetzer
 Postoffice address Wolsey, State South Dakota 57384
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Direct Labor
3. Name of diversion work Jack Schnetzer - Unit # 1
4. Amount of water claimed (cubic feet per second) 6 to cfs MAXIMUM ALLOWABLE
5. Source of water supply Ground Surface Water (APPROX 100 ACRE SLOUGH)
6. Location of point of diversion SE $\frac{1}{4}$ 6-112-64

- County Beadle
7. Annual period or periods during which water is to be used March - November
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. For irrigation use, per acre Total number of acres to be irrigated 560

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.	Land Description	No. Acres Irr.
NW $\frac{1}{4}$ of 5-112-64	200		
NE $\frac{1}{4}$ of 5-112-64	200		
SE $\frac{1}{4}$ of 5-112-64	160		

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, Huron, SD 57350
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

Centrifugal

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 22 if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
 (See instructions concerning preparation.)

 STATE OF SOUTH DAKOTA)
) ss.
 County of Beadle)

 I, Jack Schnetzer 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 Jack Schnetzer
 Subscribed and sworn to before me this 22 day of June 1977
Deane O. Olsberg
 Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4060-3

JACK SCHNETZER
(Applicant)

WOLSEY
(Post Office Address)

SOUTH DAKOTA 57384 With the following modifications:
(State)

APPROVAL OF THIS PERMIT DOES NOT AUTHORIZE THE DIVERSION OF WATER FROM THE SLOUGH FOR IRRIGATION PURPOSES WITHOUT THE CONSENT OF ALL LANDOWNERS OF LAND CONTAINING THE WATER.

Date of first receipt of application JUNE 13, 19 77

Date of return to applicant for correction, amendments or changes required _____, 19 _____

Date of receipt of corrected application JULY 7, 19 77

Approved JULY 27, 19 77, Recorded in Book 19 Page 65

WATER RIGHT PERMIT NO. 4060-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4060-3 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 JUNE 13, 19 77
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JANUARY 27, 19 80
3. The whole of said work is to be completed on or before JULY 27, 19 82
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JULY 27, 19 84
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 8.0 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 JULY 27, 19 84; said water to be used during the following described annual period: MARCH - NOVEMBER

Witness my hand this 16TH day of AUGUST, 19 77

WATER RIGHTS COMMISSION

By: John H. Smith
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: _____, Depth _____

(2) Casing, Type _____ Diameter _____ Thickness _____
(wood, concrete, steel, etc)

(3) Perforated Screen.

Type _____, Diameter _____, Length _____

(4) Gravel Pack. Thickness _____, Length of gravel pack _____

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 _____

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Thickness of water bearing material _____

Depth to water (ground surface to water level) _____

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

On same owner's property None rds. On property owned by others 320 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.

Jack Schaefer
Signature of Applicant

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



NAME Jack Schnetzer - Unit # 1

ADDRESS Walsey, South Dakota 57384

COUNTY Beadle

LEGAL DESCRIPTION

1. WELL LOCATION SE $\frac{1}{2}$ -6-112-64 - Pond SE⁴
2. LOCATION OF AREA TO BE IRRIGATED NE-5-112-64, NW-5-112-64, SE-5-112-64

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X GUN _____
4. CROPS TO BE IRRIGATED Corn Alfalfa, Small Grain

WATER QUALITY

5. SAMPLE NUMBER Using water from Sample # 77-799
6. SALINITY (EC X 10⁶) 291 (7m di-lime.)
7. SODIUM (SAR) 0.77
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 Co. 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.

APPLICANT'S SIGNATURE

APPROVED/NOT APPROVED
(initials)

SUBSCRIBED AND SWORN BEFORE ME THIS
____ DAY OF _____ 19 ____.

(TITLE OR SEAL)

(SOILS INFORMATION ON REVERSE SIDE)

Publish first publication, on or before July 14, 1977NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

July 8, 1977Notice is hereby given that Jack Schnetzer whose

post office address is Wolsay, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-8; 46-1-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-41, Future Use 46-5-38, Temporary Permit 46-5-39, 46-5-40; Ground Water 46-6-3, 46-6-5, 46-6-6, 46-6-10, 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13, Future Use 52:01:01:21

thru 52:01:01:24, for a permit to appropriate for beneficial use 8.0 cubic feetof water per second of time from the a slough throughthe Jack Schnetzer #1, the point of diversion of which isto be located in the NE 1/4

of Section 6, Twp. 112N, Range 64W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

NE 1/4 and SE 1/4, Section 6, T112N, R64W

This Application No. 4060-3 will be considered by the Water Rights Commission the Staurolite Inn, Brookings, SD at their office at Pierre upon the 27th day of July 77, at 10 A.M. The Commission is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission in writing prior to the hearing or orally at the hearing.

WATER RIGHTS COMMISSION

JAMES WINTERSON
Water Rights Specialist

cc: Jack Schnetzer, Wolsay, SD 57384



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Division of Water Rights
605 773-3352

No. 4060-3

April 28, 1987

Jack Schnetzer
Route 2, Box 132
Wolsey, South Dakota 57384

Dear Mr. Schnetzer:

The inspection of your water use system and inspection of the extent of the application of water to beneficial use, as developed under your Water Right No. 4060-3 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 inspection and issuing of the Water License. Upon receipt of the \$50.00 fee from you, your Water License will be sent to you.

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until this \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,

Maxine Stirling
Secretary

ms/

NOTE: On check or money order, please indicate the number of the water permit. This insures proper handling of the fee.

DWNR-814 8/83

LICENSE FOR PERMIT NUMBER

4060-3

Schnetzer

4-8-87
JLW

1. Legal location of wells: SE 1/4 6-112-64

Slough
dams & structures: _____

2. Well Information: Well Drilling Firm _____

No. of wells Depth

Casing a) diameter Screen a) type

b) length b) length

c) type Static Water Level

Pump a) make Rockwell Motor a) make Marathon Electric

b) model B4FPBL b) model no. 347TD5731GAA

c) size c) horsepower rating 75

d) capacity 1000 GPM d) motor efficiency rating

e) turbine pump

no. of stages

3. Distribution lines:

a) size of lines 10"

b) type PVC buried

c) length 2800'

4. Dam information:

a) height to crest

b) height to spillway

c) crest width

d) crest length

e) spillway length

f) spillway width

g) approx. storage

h) Distribution lines or canals:

1) size

2) type

3) length

i) Outlet tubes:

1) diameter

2) type

3) valued (Y/N)

4) valve type

5) location on structure

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

b) towline:

1) length feet

2) make, model & number of sprinklers

3) spacing of sprinklers

4) nozzle size

Model No.
21154

5. System Type: c) center pivot

- 1) make Valley (Valmont)
- 2) number of towers 10
- 3) distance between towers _____
- 4) overall length _____
- 5) End gun (Y/N) _____
- 6) high or low pressure _____
- 7) make & size of nozzles _____
- 8) PSI reading while system is running 90
- 9) GPM 300

d) Gate Pipe

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

e) Siphons

- 1) number _____
- 2) size _____

f) Portable boom

- 1) make _____
- 2) serial number _____
- 3) nozzle size _____
- 4) capacity (GPM) _____
- 5) PSI _____

g) Gun

- 1) make _____
- 2) serial number _____
- 3) nozzle size _____
- 4) capacity (GPM) _____
- 5) PSI _____
- 6) hose size _____
- 7) hose length _____

h) Hydromatic

- 1) make _____
- 2) model _____
- 3) serial number _____
- 4) length _____
- 5) nozzle size _____
- 6) spacing _____
- 7) PSI _____
- 8) capacity (GPM) _____

YES	NO	Check Items
<u>✓</u>	_____	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit.
<u>✓</u>	_____	2. Special Qualifications to permit being abided by.
<u>✓</u>	_____	3. All Structures, wells and lands on map.

REMARKS:

Permit No. 4060-3James River Water District
10160006**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

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

I have this day made a thorough examination of the water use system constructed by Jack Schnetzer
Rt. 2 Box 132 of Walsey, SD 57384 holder of
 Permit No. 4060-3, bearing the priority of June 13 19 77 authorizing
 the diversion of 8 cu. ft. per second of the waters of slough
 for irrigation purposes, in Beadle County.

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

A. Works used to divert the water:

Berkley Pump, Model # B4EPBLMarathon Electric Motor, Model # 364TTDS7316AA,
75 H.P.

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

2800' of buried 10" PVC pipe.1000' of ditch

C. Works used to apply water to beneficial use:

Valley Center Pivot, Model # 21154, 10 towers,
operated at 90 psiThe system is in the following condition goodThe point of diversion is located NE 1/4 SE 1/4 Sec. 6, T112N, R64W
2200' N and 300' W of the SE cornerThe works are capable of diverting and conveying to the place of use 2.22cu. ft. per second of water which is to be used for irrigationWater has been put to beneficial use to the maximum extent as follows: Sec. 5, T112N, R64WNW 1/4 NW 1/4 - 34 acresNE 1/4 NW 1/4 - 34 "SE 1/4 NW 1/4 - 34 "SW 1/4 NW 1/4 - 34 "comprising a total of 136 acres of land and the license should be issued for 1.78^{*} cfsApplicable permit qualifications have been complied with ☒ Yes ☐ No

Exceptions to compliance are: _____

Date April 8, 1987* permit holder is capable of pumping 1000 gpm
but only uses 800 gpm or 1.78 cfs.
J.M.James L. Wendt
(signature)

RECEIPT

Division of Water Rights
South Dakota Department of Water and Natural Resources

410373

Pierre, _____ May 5, 1987

RECEIVED OF Jack Schnetzer, RR 2, Box 132, Wolsey, SD 57384

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

Fee for Application for Permit No. _____ 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. 4060-3	50	00
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 John Hatch
Chief Engineer JOHN HATCH



State of South Dakota
Water License No. 4060-3

(1) Jack Schnetzer

of Rural Route 2, Box 132, Wolsey, South Dakota 57384

made Application No. 4060-3, June 13, 1977 for a water permit to appropriate

8.0 cubic feet per second of water from a slough

Beadle County, South Dakota for irrigation purposes.

Permit No. 4060-3, with a priority date of June 13, 1977

was approved July 27, 1977 and issued to applicant(s) for diversion of water with construction of the described

water supply system to be completed on or before July 27, 1982 and for the application to beneficial use of said

water on or before July 27, 1984.

and

(2) It is certified that the application has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.78 cubic feet per second of water

for beneficial use. The location of the diversion point(s) is 2200'N and 300'W of the SE Corner

Section 6, T112N, R64W (NE $\frac{1}{4}$ SE $\frac{1}{4}$)

and

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to the following extent, to irrigate the following land all in T112N-R64W

Section 5	NW $\frac{1}{4}$ NW $\frac{1}{4}$	34 Acres
	NE $\frac{1}{4}$ NW $\frac{1}{4}$	34 Acres
	SE $\frac{1}{4}$ NW $\frac{1}{4}$	34 Acres
	SW $\frac{1}{4}$ NW $\frac{1}{4}$	34 Acres
TOTAL		136 ACRES

(4) Pursuant to §46-5-30.1 Jack Schnetzer
of RR 2, Box 132, Wolsey, South Dakota 57384
the holder(s) and/or owner(s) of Water Permit No. 4060-3 is issued a license to appropriate water, the right to use
1.78 cubic feet per second of water from a slough with a priority date
of June 13, 1977 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. 4060-3 and subject
to South Dakota State Law.


Chief Engineer, Water Rights Division
Department of Water and Natural Resources
NOV 2 1987
JOHN HATCH

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

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

No. 4060-3

NOV 2 1997

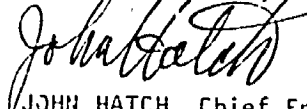
Jack Schnetzer
RR 2, Box 132
Wolsey, South Dakota 57384

Dear Mr. Schnetzer:

Enclosed herewith is, Water License No. 4060-3. 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, Chief Engineer
Water Rights Division

JH:ms

Enclosures

WNR-817 3/83
Transmittal of Water License.



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

February 17, 1989

Jack Schnetzer
RR 2, Box 132
Wolsey, SD 57384

Dear Mr. Schnetzer:

On October 6, 1988, the Water Management Board adopted rules to implement a 1988 law for application of chemicals through irrigation systems. The rules establish equipment standards, performance standards and installation requirements for irrigation systems that apply chemicals (fertilizers, insecticides, or herbicides) with irrigation water.

You have indicated on your 1988 Water Management Board Irrigation Questionnaire that you do apply chemicals with irrigation water. A copy of the new rules for chemigation are enclosed for your information.

The new standards include:

- * a check valve between the irrigation pump and the point of chemical injection;
- * a vacuum relief valve on top of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a low-pressure drain on the bottom of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a chemical injection line check valve between the chemical injection pump and the point at which the chemical is injected into the irrigation line; a second check valve is required if the chemical injection pump is not a positive displacement pump;
- * an interlock system which ensures that the chemical injection pump will stop whenever the irrigation pump stops;
- * an inspection port between the irrigation pump and the check valve on the irrigation line;

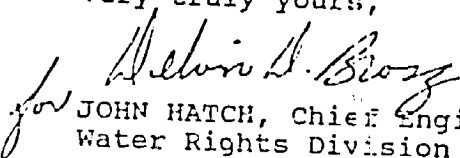


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A 24-hour telephone number is provided.

The chemigation rules contain notification and record keeping requirements. Prior to using chemigation, notification must be given to the Chief Engineer on the enclosed Form 1C. Information that must be provided in this notification includes the water permit or right number, the name, address, and telephone number of the water permit or right holder and of the system operator, and the legal description of the lands on which the system is located. A record of the name, quantity, dates and hours of each chemical applied must be provided to the Chief Engineer on Form 2C. A copy of this form is also enclosed for your information. It will be mailed with the annual irrigation questionnaire and must be returned with the questionnaire by the date specified. If you have any questions regarding these rules or need additional copies of the forms, please contact Susan Bowar, Water Rights Engineer (605-773-3352).

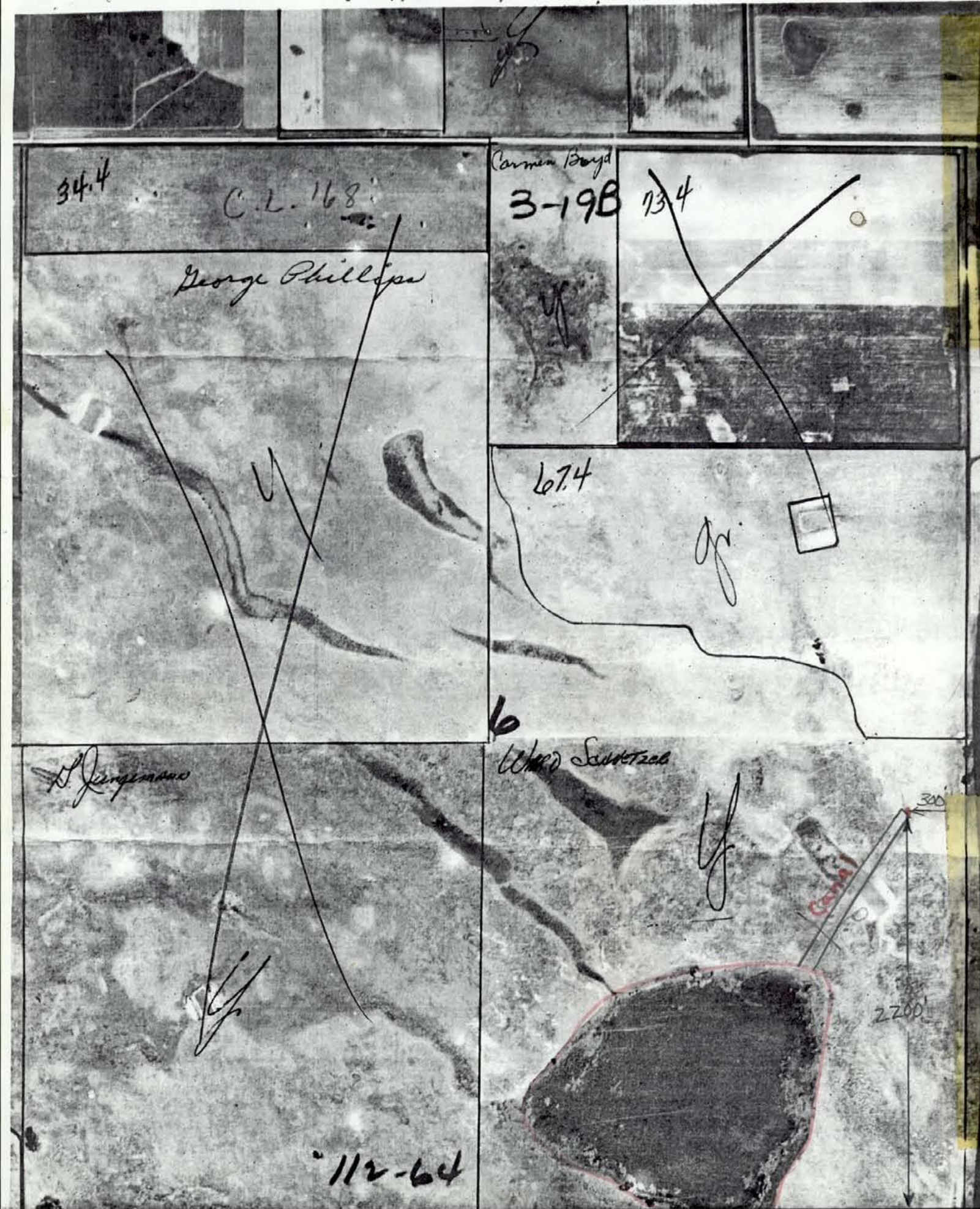
Very truly yours,

for 
JOHN HATCH, Chief Engineer
Water Rights Division

NOT TO SCALE



6-112-64



5-112-64

Ward. 1974

