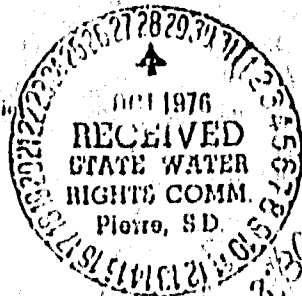


Water Right Number 3247-3

1. Considered 1-26, 1977
2. Name of Applicant EDWARD E. BRENNER
3. Post Office Address HITCHCOCK.
4. Amount of water claimed 2.0
5. Source of water supply 81' WELL
6. Water to be used for IRRIGATION
- Acres to be irrigated 160
7. Water to be diverted and used in SPINK County
about 7E, 5N Miles of HITCHCOCK.
8. Proof of Publication Received 1-14-77
Not received
9. Application Approved
Subject to
Not approved
Action deferred
10. Remarks:

No. 3242-3Map No. 2530-3 Water Division No. 3 JAMES RIVER
(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 Edward F. Brunner
Postoffice address Hitchcock, State SD
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 well
4. Amount of water claimed (cubic feet per second) 2 CFS
5. Source of water supply aquifer
6. Location of point of diversion county NE 13 R 63 W T 14 N

- County Spink
7. Annual period or periods during which water is to be used April - Nov
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation
9. For irrigation use, Total number of acres to be irrigated 160 A

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.
NE 1/4	40		
NW 1/4	40		
SE 1/4	40		
SW 1/4	40		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 1 years. Additional time required for complete application of water to the proposed beneficial use 2 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Huron Daily Plainsman
12. Principal Features of the Proposed Water Supply System.

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

well

B. Works proposed to transport water to place of use.

pipe

C. Works proposed to apply water to beneficial use.

center pivotEstimated Total Cost \$ 50,000Attachments: 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 Spink
I, Edward F. Brunner, 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 Edward F. BrunnerSubscribed and sworn to before me this 26 day of October, 1976Robert T. Reed
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3242-3

EDWARD E. BRENNER
(Applicant)

HITCHCOCK
(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 adequate domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application OCTOBER 28 19 76
Date of return to applicant for correction, amendments or changes required OCTOBER 28 19 76
Date of receipt of corrected application DECEMBER 1 19 76
Approved JANUARY 27 19 77, Recorded in Book 16 Page 281

WATER RIGHT PERMIT NO. 3242-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3242-3 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 28 19 76
2. The equivalent of at least one-fifth of the work above is to be completed on or before JULY 27 19 77
3. The whole of said work is to be completed on or before JANUARY 27 19 78
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JANUARY 27 19 80
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 2.0 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 JANUARY 27 19 80; said water to be used during the following described annual period: APRIL - NOVEMBER

Witness my hand this 7TH day of FEBRUARY 19 77

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued January 5 19 79

Water License Issued January 5 19 79

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 16", Depth 81'
- (2) Casing, Type fiberglass (wood, concrete, steel, etc) Diameter 16" Thickness ---
- (3) Perforated Screen.
Type fiberglass, 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 Very coarse sand

Depth to top of water bearing material 30'

Depth to bottom of water bearing material 81'

Thickness of water bearing material 45'

Depth to water (ground surface to water level) 36'

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

On same owner's property 4 mi On property owned by others 5 mi 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.

Edward E Brunner
Signature of Applicant

CONSERVATION
COMMISSION
FORM W1 #1

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

NAME E. J. Brenner
ADDRESS Hitchcock, S.D.
COUNTY Spink

LEGAL DESCRIPTION

1. WELL LOCATION center of S13 R62W T114N
2. LOCATION OF AREA TO BE IRRIGATED NE 1/4 of S13 R62W T114N

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____
4. CROPS TO BE IRRIGATED corn, alfalfa, grain (small)

WATER QUALITY

5. SAMPLE NUMBER 76-1732
6. SALINITY (EC x 10⁶) 500-500 high
7. SODIUM (SAR) 1.95 (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 _____ 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
26 DAY OF October 1976.

[Signature]
(TITLE OR SEAL)

[Signature]
APPLICANT'S SIGNATURE

Approval does not imply that this project can be carried out successfully in all circumstances. Individual management plans are required to determine the relative

[Signature]
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: Edward Frenner
Address: Hitchcock, SD 57348

Date Rec'd: November 1, 1976
Sample No.: 76-1732
Identification: Well -
Sec. 13, T 114N, R 62W

WATER ANALYSIS

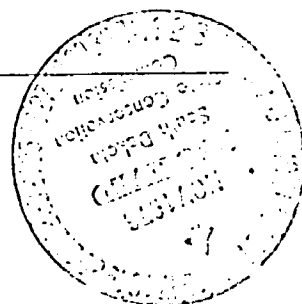
Calcium (Ca)	224	ppm*	11.20	me/l**
Magnesium (Mg)	48	ppm	3.94	me/l
Sodium (Na)	125	ppm	5.44	me/l
Potassium (K)	12	ppm	0.31	me/l
Sulfate (SO ₄)	410	ppm	8.53	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	40	ppm	1.10	me/l
Bicarbonate (HCO ₃)	586	ppm	9.60	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	400	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1750	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.98			
Sodium	26.04%	of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.22			
Others:				

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 10.89 me/l
Total anions 19.24 me/l



By: Shirley Kitten

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. 76-1732

Amount Enclosed \$

Signed

November 10, 1976



Mr. Ed Brenner
Hitchcock, SD 57348

Dear Mr. Brenner:

Your water sample (Lab. No. 76-1732) 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. Fino

L. O. Fino
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission

See also
4753-3

WATER LICENSE NO. 3242-3

(1) WHEREAS, On the 28th day of October A. D. 19 76
Edward E. Brenner

made Water Right Application No. 3242-3 for a permit to use 2.0 cubic feet per second of the waters
of groundwater (one well)

County of Spink, State of South Dakota, for irrigation
purposes; and

(2) WHEREAS, On the 27th day of January A. D. 19 77
Permit No. 3242-3, with a date of priority of October 28, 1976

was issued to said applicant _____ for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 27th day of January A. D. 19 78 and for the
application to beneficial use of said water on or before the 27th day of January A. D. 19 80

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert 2.0 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,

to irrigate a 136 acre circle in the NE $\frac{1}{4}$, Section 13 - T114N - R62W,
minus a 6 acre pie shaped section - total 130 acres

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to Edward E. Brenner

_____ of Hitchcock
the holder _____ and owner _____ of said permit No. 3242-3 a water right, dating from October 28, 1976
_____ to use of 1.8 cubic feet per second of the waters
of groundwater

in the County of Spink and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted ~~xx~~ 40 ft. NE of the Center of the NE 1/4, Section 13 -
T114N - R62W

and conduct to and upon a 136 acre circle in the NE 1/4, Section 13 - T114N - R62W,
minus a 6 acre pie shaped section - total 130 acres

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 3242-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office, at Pierre, South Dakota
this 5th day of January A. D.
Nineteen Hundred and Seventy-nine

WATER RIGHTS COMMISSION

By:

John Hatch

Chief Engineer, Executive Officer

JOHN HATCH

Permit No. 3242-3

Water Diversion No. 3 James River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Edward E. Brenner

_____ the holder _____ of
Permit No. 3242-3, issued upon Application No. 3242-3, bearing date of priority of October 28,
1976 authorizing the diversion of 2.0 cu. ft. per second of the waters of _____
groundwater (one well) County of Spink, State of South Dakota; _____
40 ft. NE of the Center of the NE 1/4, Section 13 - T114N - R62W
_____, for irrigation

purposes, has 5 complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 1.88 cu. ft. per second of water

Date January 5, 1979

3y: WATER RIGHTS COMMISSION
John Hatch
(JOHN HATCH, Chief Engineer)

Form 6 - Notice of Intent to Appropriate Water

No. 3242-3

Publish first publication, on or before January 12, 19 77

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

January 22, 19 77

Notice is hereby given that Edward F. Brenner
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
Drip or Well, the point of diversion of which is to be located in the
center of the NE 1/4
of Section 13, Twp. 114N, Range 62W. Said water to be used for the purpose
of providing irrigation on the following described land:

NE 1/4, Section 13, T114N, R62W

This application No. 3242-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 26th day of January, 19 77, 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: Edward F. Brenner, Hitchcock, SD 57246

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

No. _____

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County _____)

I, Brenda Hasket 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 _____ of Huron

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

Jan. 5, 1977

Jan. 12, 1977

Brenda Hasket
(Signature)

Bookkeeper
(Title)

1-12-77

(Date Signed)

PUBLIC NOTICE
F.P. 1577-11-17-77
NOTICE INTENT TO
APPROPRIATE WATER
I, Edward E. Brenner, 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 1/4 Beneficial
Use 2.0 cubic feet of water per second
of time from ground water through
the Brenner Well, the point of
diversion of which is to be located in
the center of the NE 1/4 of Section 13,
Twp. 14N, Range 62W, said water
to be used for the purpose of
providing irrigation on portions of
the following described land: NE 1/4
Section 13, T14N, R62W, S.D.
This application No. 2242-1 will be
considered by the Water Rights
Commission at their office at Pierre
upon the 26th day of January, 1977,
at 10:00 A.M. All interested persons
may appear and be heard.
WATER RIGHTS COMMISSION
BURTON F. JONES
Water Rights Specialist
No. 778 (adv.)

Permit No. 3242.3Water Division 3 JAMES RIVER Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by EDWARD E. BRENNER of HITCHCOCK holder of Permit No. 3242.3, bearing date of priority of OCTOBER 28, 1976, authorizing the diversion of 2.0 cu. ft. per second of the waters of GROUNDWATER for IRRIGATION purposes, in SPIKE County.

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

The Water Use System consists of,

A. Works used to divert the water:

80' DEEP WELL WITH 16" FIBREGLAS CASING - 60' FIBREGLAS SCREEN
WESTERN LAND ROLLER 8" PUMP, POWERED BY 15HP GE ELECTRIC MOTOR SWL 39.0'

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

40' OF 10" ALUMINUM PIPE TO PLOT PAD

C. Works used to apply water to beneficial use.

ZIMMATIC MODEL #307 CENTER PLOT SPRINKLER
SYSTEM WITH END GUN

The system is in the following condition: EXCELLENTThe point of diversion is located 40' NE OF THE CENTER OF THE
NE⁴ SECTION 13, T114N, R62WThe works are capable of diverting and conveying to the place of use 1.88 (850 GPM)
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:

FOR IRRIGATING A 136 ACRE CIRCLE IN THE NE⁴,
SECTION 13, T114N, R62W, MINUS A 6 ACRE PIE
SHAPED SECTION

comprising a total of 130 acres of land.Date OCTOBER 19, 1978

Quinton Jones
 (Signature)

WATER RIGHT SPECIALIST

SOUTH DAKOTA
Department of
Water & Natural Resources
Joe Foss Building Water Rights Division
Pierre, South Dakota 57501 (605) 773-3352

No. 4753-3

3242-3

January 11, 1983

Edward Brenner
Route #1,
Hitchcock, South Dakota 57348

Dear Mr. Brenner:

Enclosed herewith are, Water License No. 4753-3 and Certificate of Construction.

Water License No. 4753-3 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

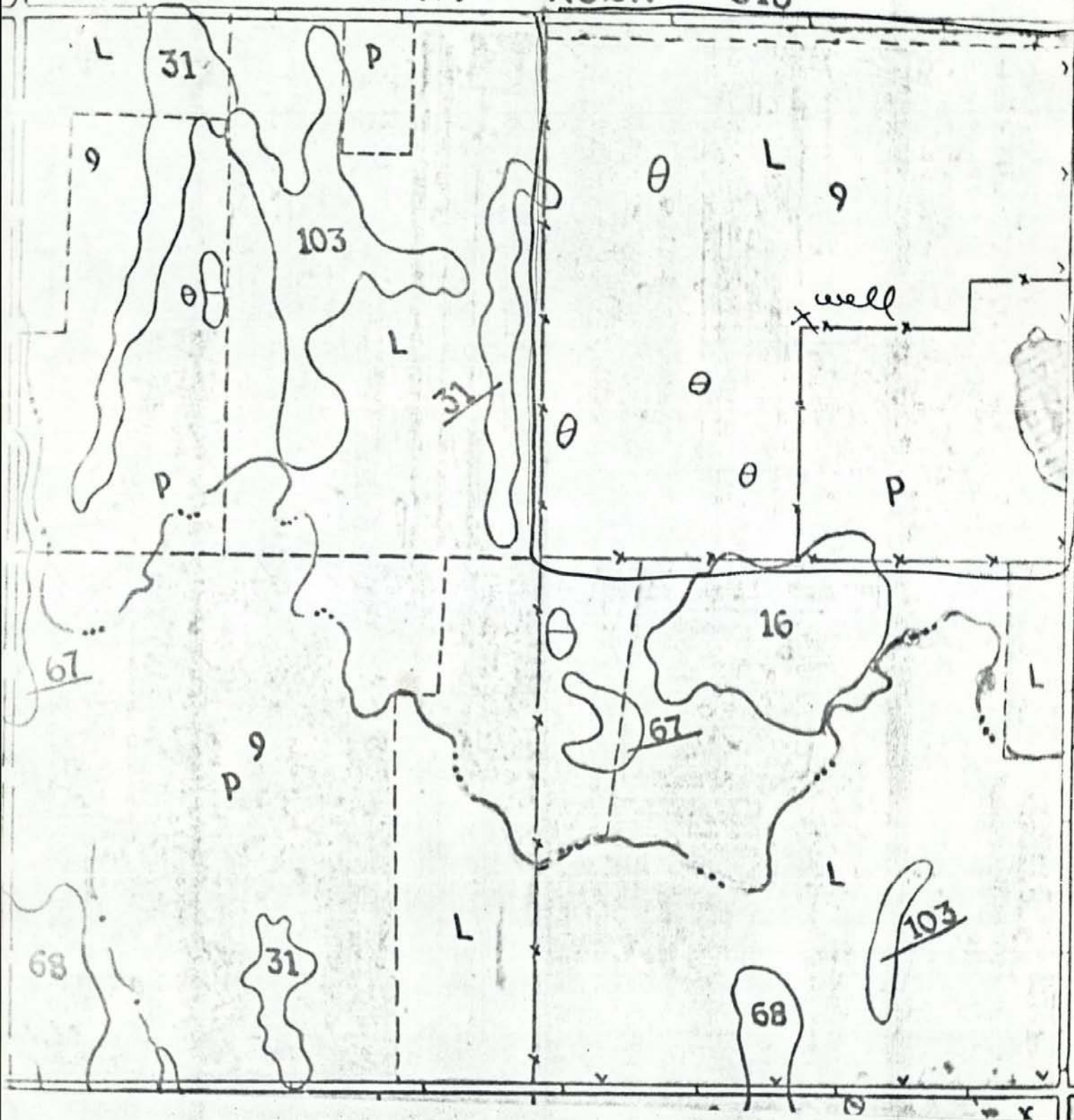
*The applicable portions of Water Right No. 3242-3 have been incorporated into this Water License No. 4753-3. The pivot system is pumped alternately on the lands.

CORNWALL

T114N

R62W

S13



Map No. 2530-3 App. No. 3242-3

David Stout
Co. Sgt.