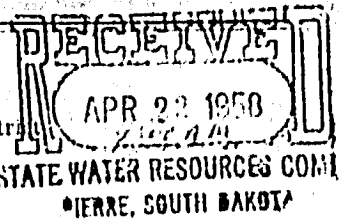


No. 223-3AWater Division No. 3 Vermillion River District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable.)

1. Name of applicant Glenn C. Knutson
 Postoffice address Center ville, State South Dakota

I. If a corporation

- (a) Name of same Glenn C. Knutson
 (b) Date and place of incorporation to apply for a second well in order
 (c) Amount of capital stock to develop the full amount of water to
 (d) Amount paid in irrigate the land covered by my Permit
 (e) Names and addresses of directors No. 223-3. My present well has a capacity
of 2 cubic feet per second.

(NOTE—A certified copy of articles of incorporation must accompany the application.)

II. Method of accomplishing the work and financial resources of the applicant:

- (a) Method of accomplishing work (Whether by contract, employment of others, or by direct labor)

Contract

- (b) Cash on hand, \$ adequate (c) Treasury stock, \$ _____
 (d) Bonds to be issued, \$ _____ (e) Other resources, \$ _____

2. Name of diversion work Glenn C. Knutson Diversion Works No. 3
(2.0 to be developed from new well)
 3. Amount of water claimed 4.0 cubic feet per second
 4. Source of water supply ground water
 5. Location of point of diversion new S 41° 50' W, 1712 feet from the NE corner of
the NE 1/4, Sec. 5, T 95 N, R 52 W on Clay bank Clay County.
 6. Annual period or periods during which water is to be used March through November
 7. To be used for:

- I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system?
- Combination

- (a) Number of acres to be irrigated
- 320
- (same as 223-3)

- (b) Legal subdivisions to be irrigated
- N 1/2 Sec. 5, T 95 N, R 52 W (same as 223-3)
-
- (NOTE—A list of lands to be irrigated, giving each subdivision and acreage thereof, should be written here, or may be appended as a part of this application. Same must also be shown on accompanying map.)

- (c) Statement as to domestic use (giving location, etc.) _____

II. Stockwatering, mining, milling, power, fish culture, fire protection and public recreation:

- (a) Nature of use
- none
-
- Name any of the above uses claimed

- (b) Amount of power to be generated _____ horse power.

Amount claimed for engine cooling _____

- (c) Location of plant _____

- (d) Method of developing power _____

- (e) Point where water will be returned to stream _____
-
- On same owner's property
- 30
- rods. On property owned by others
- 160
- rods.

Map No. 175-3

2. Estimated cost of work:

(a) Head Gates, \$----- Well- \$600

(b) Pumping plant, \$1000

(c) Fluming, \$----- (d) Canal-earth, \$-----

Rock, \$-----

(e) Other structures ----- \$-----

Total, \$-----

0. Description of diversion works:

I. Nature of work (Reservoir, dam, ditch, flume, pumping plant, etc.)

well, pump and pipeline

II. Dimensions of works:

(a) Dam: Height ----- feet; length at bottom ----- feet; length at top -----

----- feet; thickness at bottom ----- feet; thickness at top -----

feet; slope at front water face -----; slope at back face -----

material used in construction -----

(b) Reservoir: Capacity when filled ----- acre feet. Surface area at highwater mark ----- acres.

DEPTH AT OUTLET-FEET	SURFACE AREA AT EACH DEPTH AT OUTLET--ACRES	FEET	ACRE-FEET CAPACITY

(c)* Head gate: Width ----- feet; height ----- feet;

Material -----

(d) Canal: Total length ----- miles.

LOCATION BELOW HEADGATE	DEPTH	BOTTOM WIDTH	WIDTH AT WATER-LINE	GRADE PER MILE
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet

(Give dimensions where reductions in size are made.)

10. Time required for completion of work ----- 3 ----- years. (same as 223-3)

11. Time required for complete application of water to the proposed beneficial use ----- 7 ----- years.

(same as 223-3)

12. Choice of newspaper for publication of notice of intention to appropriate -----

Centerville Journal, Centerville, South Dakota

STATE OF SOUTH DAKOTA

County of -----

I, -----

being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of owner, that I have read the above foregoing statement, examined the map accompanying the same, and that I know of my own personal knowledge that the matters therein stated and shown are true.

Signed -----

Subscribed and sworn to before me this ----- 21st ----- day of ----- April ----- 1958

Notary Public (or other qualified officer.)

Remarks by State Water Resources Commission:

STATE OF SOUTH DAKOTA
County of Hughes } ss.

Pierre, South Dakota, April 28, 1958

This is to certify that the foregoing application was received by the Commission at 9:00 o'clock
9 a.m. upon the 23 day of April, 1958

State Water Resources Commission

By:

John Brinner

Chief Engineer, Executive Officer

Number of permit 223-3A

Date of first receipt of application April 23, 1958

Date of return to applicant for correction, amendments or changes required as follows April 28, 1958

Date of receipt of corrected application May 6, 1958

Date from which applicant may claim right July 7, 1956

Approved July 9, 1958, Recorded in Book 5 Page 1

This is to certify that we have examined the foregoing application for a permit to appropriate water of the State of South Dakota, and we hereby grant the same as stated herein, subject, however, to the following limitations and conditions:

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or before

January 9, 1960

2nd. The whole of said work is to be completed on or before July 9, 1961

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is

July 9, 1965

4th. The water appropriated shall be used for the purpose of irrigation

5th. 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.

6th. The amount of the appropriation herein granted shall not exceed 4.0 cubic feet per second; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry; and further, said appropriation must 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 9, 1965; said water to be used during the following described annual period:

March to November inclusive

Witness my hand this 23 day of July, 1958

State Water Resources Commission

By:

John Brinner

Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

Glen C. Brantson

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 30', Depth 72'Type of casing Steel
(wood, concrete, steel, etc.)Size of casing 18", Thickness of casing 14 gaLength of casing 72 If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen Tempater MillSize of perforated screen 18" (diameter), 27' (length)Thickness of gravel pack 6", length of gravel pack 45'

(c) Water Bearing Materials

Distance to water 8' Character of water bearing materialsCoarse gray sandThickness of water bearing material 64'

(d) Pump and Motor

Type of pump Turbine
(centrifugal, propeller, mixed flow, etc.)Name of pump Western Sand & Gravel, size 8"Kind of motor Diesel
(gasoline, electric, diesel, etc.)Horsepower 60 HP, Name of Motor Oliver

(e) Complete well

Capacity 1000 at drawdown of 8', Estimated cost \$1000.00(f) Owner of land upon which well is located Glen C. Brantson, NameCenterville, Address

(g) Distance to nearest existing wells

On same owner's property 20 rods. On property owned by others 160 rods

20

(1) WELL CONSTRUCTION

Location of well: NE 1/4 1/4 Section 5 Township 7S Range 52

Well owner Aene Knutson Centerville, SD
(Name) (Address)

Date well drilling completed 7/23/73 Purpose of well Irrigation
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer	Depth to top of water producing aquifer _____ ft.
0 - 2	top soil	Depth to static water level _____ 14 _____ ft.
2 - 12	yellow clay	Name of producing aquifer (if known) _____
12 - 17	blue clay	Total depth of drill hole _____ 60 _____ ft.
17 - 60	sand & gravel	Depth to bottom of casing _____ 60 _____ ft.
		Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.
		40 ft. 16" T.D. Fiberglass Well Casing
		Screen information: In the space below show length of screen below bottom of casing. Diameter and kind of screen or casing perforations.
		20 ft. 16" T.D. Slotted Fiberglass Well Screen
		If a flowing well, flow of completed well _____ 8 P.M.

Attach sheet if more space is needed

Empire Drilling Co., Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

PUMP INSTALLATION
Company name and size of pump gullied & reset old pump into new well HP

Type of pump horizontal Capacity of installed pump ? G.P.M.

Depth of pump placement 40 ft., Date of pump installation 7/23/73

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____, tube material _____.

Empire Irrigation & Pumping Co. Inc.
Name of Pump Installation Contractor

(First Publication before June 6, 1958.)

APPROPRIATION OF WATER

Office of State Water Resources Commission,

Pierre, S. Dak., May 8, 1958.

Notice is hereby given that Glenn C. Knutson whose postoffice address is Centerville S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 4.00 cubic feet of water per second of time from the ground water through the Glenn C. Knutson Diversion #3 in addition to the one under Permit #223-3, the point of diversion which is to be located on the NE 1/4 of Sec 5 in the NE 1/4 of the NE 1/4 of Section 5 Twp. 95N Range 52W. Said water to be used for the purpose of providing irrigation on the following described land:

NE 1/4, Sec 5, T 95N, R 52W

~~XXXXXX~~ ~~XXXXXX~~

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 9th day of July, 19 58, at 2:00 P.M. All interested persons may appear and be heard.

Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.

State Water Resources Commission

By:

J. W. GRIMES, Chief Engineer, Executive Officer

cc Mr. W. Weverstad, Publisher
The Centerville Journal
Centerville, South Dakota

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA }
County Turner } ss.

Waldemar Weaverstad

being duly sworn, deposes and says the annexed printed copy of Notice of Intention to Appropriate Water was taken from the _____
Centerville Journal a newspaper which during the whole time of publication of said notice herein after stated, has been and is printed and published in the _____
City of Centerville, _____ County of Turner and State of South Dakota; that the said notice was published in said newspaper on the following dates:

May 29, 1958

June 5, 1958

June 12, 1958

June 19, 1958

in each and every issue of the full number thereof, the first publication being made on the 29th day of May 1958 and the last publication on the June 19th day of June 1958, upon which days or times of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he was Publisher the printer X and publisher of the said newspaper.

Waldemar Weaverstad

Subscribed and sworn to before me this 26th day of June A. D. 1958

Notary Public Turner County, S. D.

RECEIVED
JUN 29 1958

STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

APPROPRIATION OF WATER
Office of State Water Resources Commission
Pierre, S. Dak., May 8, 1958
Notice is hereby given that Glenn C. Knutson whose postoffice address is Centerville, S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 4.00 cubic feet of water per second of time from ground water through the Glenn C. Knutson Diversion No. 3, the point of diversion in addition to the one under Permit No. 233-5, to be located in the NE¹/₄ of the NE¹/₄ of Section 5, Twp. 95N, R. 52W. Said water to be used for the purpose of providing irrigation on the following described land: N¹/₄, Sec. 5, Twp. 95N, R. 52W.
This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 9th day of July, 1958, at 2:00 P.M. All interested persons may appear and be heard.
Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.
State Water Resources Commission
By: J. W. GRIMES, Chief Engineer, Executive Officer
(May 29 & June 5, 12, 19)

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1879 July 14

1896

Col. Webb R. H. Hymowitz

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100-443887-100 SR-176

Engel, Carl

11-53

Permit No. 223-3AWater Division 3 Vermillion 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 Glenn C. Knutson of Centerville, S. Dak. 57014 holder of Permit No. 223-3A, bearing date of priority of April 23, 1958, authorizing the diversion of 4.0 cu. ft. per second of the waters of ground water for Irrigation purposes, in Clay 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:

Well #1, Pump - Western Land Roller. Head # 3-B 4-12C-H
Serial # 75818. Engine - General Motors Diesel Model-4071C.
Unit # 48-59 - pumping 700 gpm.

Well #2, Pump - Western Land Roller Head # 3B-030. Serial # 756159
Engine - GMC, 4Cyl. Diesel. 453 CID. pumping 700 gpm

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

Well #1 to C.P. #1, 8" dia PVC - 3150 ft. Underground.

Well #2 to C.P. #2, 8" dia Aluminum Pipe. 1250 ft

C. Works used to apply water to beneficial use.

CP #2 Hygro-matic Elec. Model # UB 2-79 TATIDE
Serial # 76CS7327E 7 towers

CP #1, Hygro-matic, Model B67S F-0 N79 TATIDE
Serial # 74CS2923D

The system is in the following condition: Good.The point of diversion is located Well #1 - 1320 ft. S 6° 30' W of NE corner of Section 5, T95N, R52W.

Well #2 - 100 ft W and 66 ft South of NE corner of sec 5 T95N, R52W

The works are capable of diverting and conveying to the place of use 4.0cu. ft. per second of water which is to be used for IrrigationWater has been put to beneficial use to the maximum extent as follows: All in Sec 5 T95N, R52W.

NW 1/4 NW 1/4 - 15 Ac., NE 1/4 NW 1/4 - 38 Ac., NW 1/4 NE 1/4 - 15 Ac., NE 1/4 NE 1/4 - 33 Ac.
SW 1/4 NW 1/4 - 15 Ac., SE 1/4 NW 1/4 - 38 Ac., SW 1/4 NE 1/4 - 15 Ac., SE 1/4 NE 1/4 - 33 Ac.

comprising a total of 202 acres of land.

Well #1 Data:

Depth 60 ft.Depth to water 12 ft.Casing: 16" dia FiberglassCapacity 1st 1500 gpm +

Well #2 Data

Depth - 50 ft.Depth to water 12 ft.Casing: 16" dia SteelCapacity: 1500 gpmDate July 22, 1978

Libby J. Mernagh
(Signature)

June 2, 1977

Glenn Knutson
Centerville, S.D. 57014

Dear Mr. Knutson:

On May 5, 1977, I contacted you regarding your irrigation plans and Glyndon's plans. Glyndon was not at home at the time. When I talked to you I was not sure about how to handle your situation regarding the $W\frac{1}{2}$ of the $NW\frac{1}{4}$ of Section 5, because this area will be irrigated from Glyndon's well rather than from your wells. Burton Jones, the Water Rights Specialist, said that a new application will need to be submitted to change the point of diversion from your wells to Glyndons.

We are sending Glyndon the necessary forms and instructions and explanation of the situation and have him submit an application to change the point of diversion. This is necessary to comply with the South Dakota water laws. The priority dates will not change, only the point of diversion for the $W\frac{1}{2}$ $NW\frac{1}{4}$ of Section 5.

Due to the work load we have not fully processed your water license for Application 223-3A. We will hold up on this license until we receive the application for the west 80 acres. We are doing this because you stand to lose the April 28, 1958 priority date if we issue your license at this time.

Enclosed is a map I made of the areas concerned. You informed me that you moved the west center pivot east 280 feet, I believe it was. I have shown this on the map. However, to be sure everything is correct on the map I would appreciate it if you would check it over and make any necessary changes to make it as accurate as possible on the $N\frac{1}{2}$ of Section 5, and return the map to us. We will then use the figures from the corrected map when it is issued to you.

If you have any questions feel free to contact this office.

Sincerely,

LE ROY J. MERNAUGH
Water Resources Engineer I

LM/bw
Encl: As stated