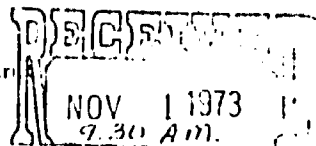


Water Right Number 998-1

1. Considered January 16, 1974
2. Name of Applicant Leo E. Gruhl
3. Post Office Address Hereford Rt. Sturgis, S.D.
4. Amount of water claimed .80
5. Source of water supply Keffeler Draw & East & West Branches
6. Water to be used for Irrigation
- Acres to be irrigated 56
7. Water to be diverted and used in Meade County
about 17 E Miles of STURGIS
8. Proof of Publication ☒ Received 12-31-73
Not received
9. Application Approved
Subject to
Not approved
Action deferred

10. Remarks:

No. 998-1Map No. 826-1 Water Division No. 1 BELLE FOURCHE RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

STATE WATER RIGHTS DIVISION
PIERRE, SOUTH DAKOTA

To Appropriate Water within the State of South Dakota

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

1. Name of Applicant Leo E. Grubl
 Post-office address Hereford St. Sturgis, State S. Dak.
 If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) employment of others

3. Name of diversion work Leo Grubl Irrigation Project

4. Amount of water claimed (cubic feet per second) 0.80 cfs

5. Source of water supply Keffeler Draw, West Keffeler Draw & East Keffeler Draw

6. Location of point of diversion 1750' N 71° W of SE Cor. Sec. 6, T5N, R8E, B4W

1720' N 61° W of SE Cor. Sec. 6, T5N, R8E, B4W

1370' S 59° E of W1/4 Cor. Sec. 5, T5N, R8E, B4W County Meade

7. Annual period or periods during which water is to be used April 1st to Nov 1st

8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation and Stockwater

9. For irrigation use, Total number of acres to be irrigated 56

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.
Sec. 6, T5N, R8E		Sec. 5, T5N, R8E	
NE 1/4 SW 1/4	2	NE 1/4 SW 1/4	2
NW 1/4 SE 1/4	2	NE 1/4 SE 1/4	2
SW 1/4 SE 1/4	10	SE 1/4 SW 1/4	25
SE 1/4 SE 1/4	11	SE 1/4 SE 1/4	2

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 5 years.

11. Choice of newspaper for Notice of Intent to Appropriate Water publication Sturgis Tribune

12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source. Existing Stock Reservoirs

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

C. Works proposed to apply water to beneficial use. Flooding

Estimated Total Cost \$ 1,000

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

STATE OF SOUTH DAKOTA

County of Meade

I, Leo E. Grubl, 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

Subscribed and sworn to before me this 17th day of September, 1973

Signed Leo E. Grubl
Notary Public for other qualified officers

PLAT OF THE LEO GRUBL IRRIGATION PROJECT

Located in Sections 5 and 6, Township 5 North, Range 8 East of the BHM in Meade County, South Dakota, drawn and prepared as a part of the application for Permit to appropriate water of Leo Grubl, Sturgis, South Dakota, to supply water for irrigation of areas as shown on this plat.

SURVEYOR'S CERTIFICATE

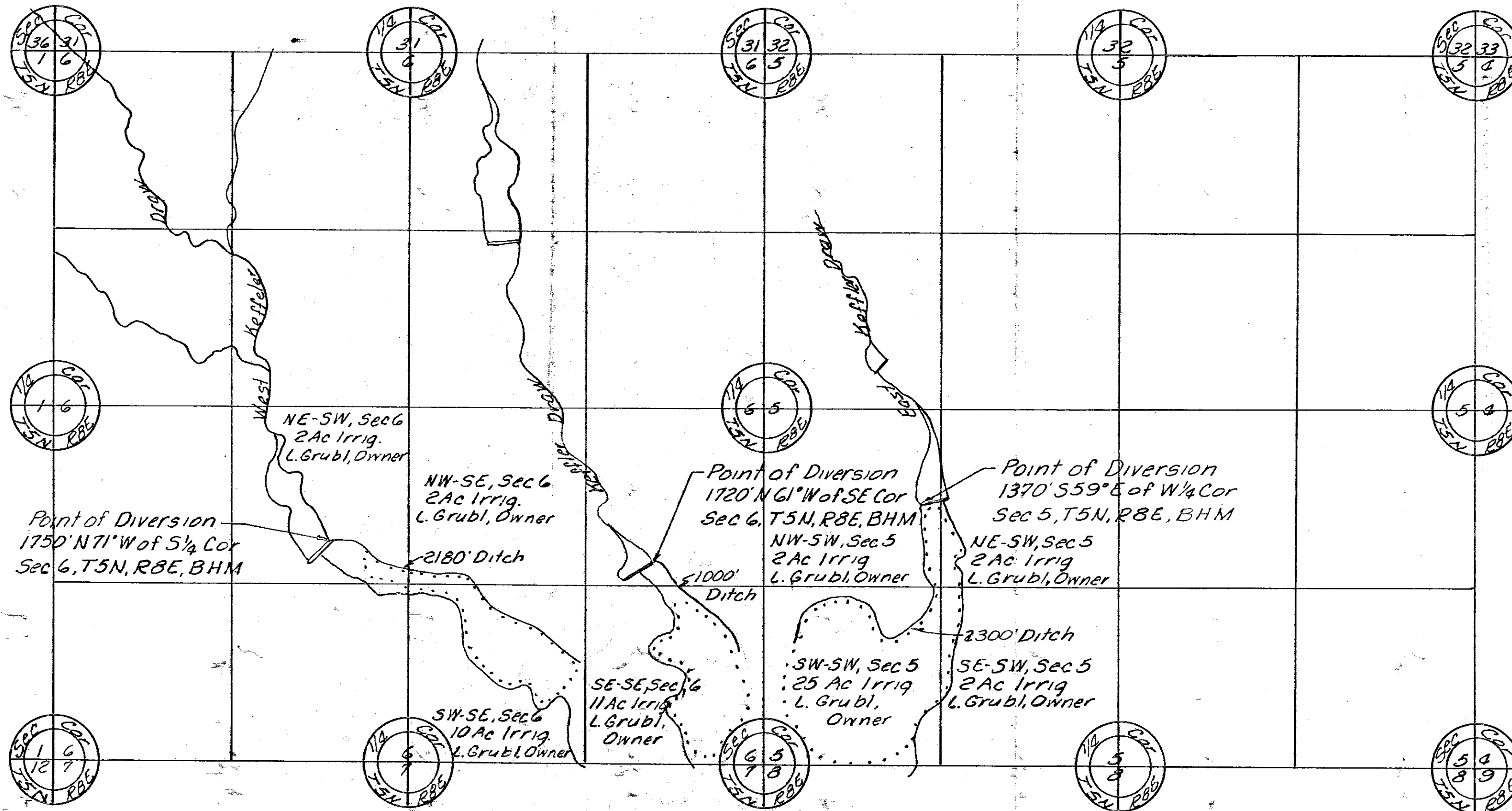
I, William J. Brengle, Registered Land Surveyor in and for the State of South Dakota, do hereby certify that at the request of Leo Grubl, I have made a survey and have prepared this plat as a part of his application for a Permit to appropriate water for irrigation. I further certify that the bearings and lengths of all lines shown and their location with reference to the Government Land Corners shown, are correct to the best of my knowledge and belief.

William J. Brengle
William J. Brengle (SEAL)
Registered Land Surveyor #1517

Subscribed and sworn to before me this 11th day of October, 1973.

Florence Brengle
Notary Public (SEAL)

FLORENCE BRENGLE
NOTARY PUBLIC HARDING CO., S. DAK.
My Commission Expires Aug. 1, 1979



Scale: 1" = 660'

MAP # 826-1 (APPL # 993-1)

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 998-1

LEO E. GRUBL
(Applicant)

HEREFORD ROUTE, STURGIS
(Post Office Address)

SOUTH DAKOTA
(State)

With the following modifications:

APPROVAL OF THIS PERMIT AUTHORIZES 36 ACRE FEET
OF STORAGE ANNUALLY

Date of first receipt of application NOVEMBER 1 19 73
Date of return to applicant for correction, amendments or changes required NOVEMBER 5 19 73
Date of receipt of corrected application DECEMBER 3 19 73
Approved JANUARY 16 19 74 Recorded in Book 12 Page 281

WATER RIGHT PERMIT NO. 998-1

The Water Resources Commission hereby grants and issues this Water Right Permit No. 998-1 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 NOVEMBER 1 19 73
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JULY 16 19 76
3. The whole of said work is to be completed on or before JANUARY 16 19 79
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JANUARY 16 19 79
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 .80 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 16 19 79; said water to be used during the following described annual period: APRIL 1 TO NOVEMBER 1

Witness my hand this 18TH day of JANUARY 19 74

WATER RESOURCES COMMISSION

By:

Donald D. Dineen

Chief Engineer, Executive Officer

Certificate of Construction Issued SEPTEMBER 9 19 77

Water License Issued SEPTEMBER 9 19 77

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 _____ rds. On property owned by others _____ 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.

Dam #1 - NE 1/4 Sec. 6, T 5 N, R 8 E, BLM.

Height - 18'

Max. water depth - 15'

Surface Area - 4.0 ac.

Storage Capacity - 20 ac. ft.

Dam #2 - NE 1/4 Sec. 6, T 5 N, R 8 E, BLM.

Height - 15'

Max. water depth - 16'

Surface Area - 0.8 ac.

Storage Capacity - 4 ac. ft.

Dam #3 - NE 1/4 Sec. 6, T 5 N, R 8 E, BLM.

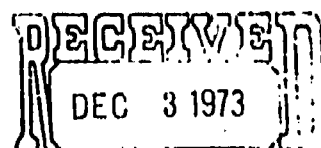
Height - 12'

Max. water depth - 14'

Surface Area - 2.5 ac.

Storage Capacity - 12 ac. ft.

Leo E. Gault
Signature of Applicant



STATE WATER RIGHTS COMMISSION
SIOUX FALLS, SOUTH DAKOTA

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Meade) ss.

I, Teresa Shoun hereby

certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Sturgis Tribune

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

B.H. Publishers of Sturgis

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

Dec 12 and 19

Teresa Shoun
(Signature)

B.H. Publishers
(Title)

December 25, 1973
(Date Signed)

NOTICE OF INTENT TO APPROPRIATE WATER
Pierre, South Dakota 57501
December 3, 1973
Notice is hereby given that Leo E. Grub, whose post office address is Sturgis, 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 1.80 cubic feet of water per second of time from the Ketteler Draw and east and west branches through the Leo Grub Irrigation Project, the points of diversion of which are to be located in the NE 1/4 SW 1/4 and NE 1/4 SE 1/4 Section 6 and in the NW 1/4 SW 1/4 of Section 5, Twp 5N, Range 1E. Said water to be used for the purpose of providing irrigation on portions of the following described land: NE 1/4 SW 1/4, W 1/4 SE 1/4 and SE 1/4 Section 6, SW 1/4 Section 5, All in T5N, R8E, S10W, 1/4 Sec. 6, 1/4 Sec. 5. This application No. 588-1 will be considered by the Water Rights Commission at the office of Pierre upon the 16th day of January, 1974, at 2:30 p.m. All interested persons may appear and be heard at the WATER RIGHTS COMMISSION By: Burton F. Jones, BURTON F. JONES, Water Rights Specialist
Trib. Dec. 12, 1973

DEC 31 1973
STATION
FILE

Permit No. 998-1Water Diversion No. 1 ~~Belle Fourche River~~ Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Leo F. Gruhl

_____ the holder _____ of
Permit No. 998-1, issued upon Application No. 998-1, bearing date of priority of November 1,
1973 authorizing the diversion of 80 cu. ft. per second of the waters of _____
E & W E Main Keffler Draw County of Meade, State of South Dakota at _____
1756 ft. N71°W of the S $\frac{1}{4}$ corner; 1750 ft. N61°W of the SE corner,
Section 6; 1370 ft. S59°E of the W $\frac{1}{4}$ corner, Section 5, all in T5N, R8E
_____, for irrigation

_____ purposes, has _____ 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 up to 8.0u. ft. per second of water.

Date September 9, 1977

By.

WATER RIGHTS COMMISSION



JOHN HATCH, Chief Engineer

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 998-1.

(1) WHEREAS, On the 1st day of November A. D. 19 73

Leo E. Grubl

made Water Right Application No. 998-1 for a permit to use 80 cubic feet per second of the waters of E and W and Main Keffler Draw

County of Meade, State of South Dakota, for irrigation

purposes; and

(2) WHEREAS, On the 16th day of January A. D. 19 74

Permit No. 998-1, with a date of priority of November 1, 1973

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 16th day of January A. D. 19 79 and for the

application to beneficial use of said water on or before the 16th day of January A. D. 19 79

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 80 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,

for irrigating the following land in T5N, R8E

Section 5 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 2 acres

NE $\frac{1}{4}$ SW $\frac{1}{4}$ 2 "

SW $\frac{1}{4}$ SW $\frac{1}{4}$ 25 "

SE $\frac{1}{4}$ SW $\frac{1}{4}$ 2 "

Section 6 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 2 "

NW $\frac{1}{4}$ SE $\frac{1}{4}$ 2 "

SW $\frac{1}{4}$ SE $\frac{1}{4}$ 10 "

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 11 " "

TOTAL 56 acres

Permit No. 978-1Water Division 1 Belle Fourche River Water District

REPORT 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 Lee E Grubel of Hereford Route, Sturgis, S. Dak. holder of Permit No. 978-1, bearing date of priority of November 1, 1973, authorizing the diversion of 1.80 cu. ft. per second of the waters of Keffeler Draw, West Keffeler Draw, East Keffeler Draw for Irrigation & Stockwater purposes, in Meade 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: Existing Livestock ReservoirsB. Works used to transport water to place of use, Diversion DitchesC. Works used to apply water to beneficial use. Diversion Ditches and Spreader ditches.The system is in the following condition: Good

The point of diversion is located 1750 ft N 71° W of SW Corner Section 6, T5N R5E.
1750 ft N 61° W of SE Corner Section 6, T5N, R5E.
1370 ft S 59° E of W 1/2 Corner Section 5 T5N R5E.

The works are capable of diverting and conveying to the place of use 8.0 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: In Section 6, T5N R5E
NE 1/4 SW 1/4 - 1.1 Ac, NW 1/4 SE 1/4 - 2 Ac, SW 1/4 SE 1/4 - 10 Ac, SE 1/4 SE 1/4 - 11 Ac;
In Section 5 T5N R5E, NW 1/4 SW 1/4 - 2 Ac, NE 1/4 SW 1/4 - 10 Ac,
SW 1/4 SW 1/4 - 25 Ac, SE 1/4 SW 1/4 - 2 Ac.

comprising a total of 56 acres of land.

Date May 3 1976
LeRoy J. Munnigh
 (Signature)

OVERSIZE

DOCUMENT IS

SUPPLEMENTARY

TO MICROFILM FILE