

16/11/2002

- ## APPLICATION

Approved 7-24-80

Not Approved

Action deferred

Date _____

APR 30/80

WATER
QUALITY

Period of Annual use May thru October

Received yes 6/17/80 (m) APPROVED (Circle one)

WI-1 Description same as application (yes) no ____ Remarks

Disapproved

Returned

Diversion Point

SE 4 SE 4 30-7A-1E

Lands to be irrigated

$\sin^2 2\theta = 1 - \sin^2 2\theta = 0$
 $\sin^2 2\theta = 1 - \sin^2 2\theta = 0$
 $\sin^2 2\theta = 1 - \sin^2 2\theta = 0$

WE LL
LGG

Remarks well drilled 20 years ago - no log available have
2A from for Per. it. 696-1.

Driller Mertie Bandy

Licensed yes no

Depth 545 7

MAP Map No 1006-1 Map located in Water Right X Map file _____

Type of Map Land Map Prepared by ASCS

also have a drawn (PE) Eng map in 646-1 which covers some of this land + + + + +

REVIEWED This Application was reviewed within 30 days of date received, accepted as complete, Number assigned and written up for advertisement before the Board on July 24, 1980

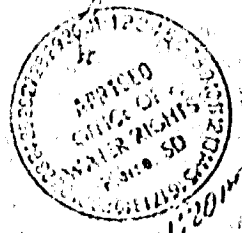
Betty Roslund
(Signed)

+ + + + +

PROTESTS Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS Date
F.F. & C Final Decision, including F.F. & C of Law were adopted _____
OF LAW, Date
FINAL Final Decision mailed to parties and/or parties notified that Final Decision
DECISIONS was adopted _____
ETC.

Remarks _____

No. 1197-1Map No. 1006-1 Water Division No. 1 BELL LAURENCE DistrictAbove for Office Use 10120203

APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

Check one of the following:

Now ☒ Vested Right _____ Future Use _____

Change in Diversion _____ Additional Diversion _____

Change in Acreage _____ Additional Acreage _____

1. Name of Applicant Darrell Nicholas Phone No. 642-3114
 Post Office Address RR1 Box 307 Spearfish State South Dakota 57783
(Street, RR, or Box) (Town) (Zip Code)

If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) direct labor3. Name of diversion work NICHOLAS IRRIGATION4. Amount of water claimed (cubic feet per second) 3 cubic feet 2.28 MAX. ALLOWABLE5. Source of water supply Well6. Location of point of diversion South End of E 1/2 SE 1/4 of Sec. 30 T1NR1ECounty Lawrence7. Annual period or periods during which water is to be used May Through August8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation9. For irrigation use, _____ Total number of acres to be irrigated 160

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.
<u>SE 1/4 Sec 30 T1N-R1E</u>	<u>38</u>
<u>S 1/2 Sec 29 T1N-R1E</u>	<u>40</u>
<u>N 1/2 Sec 29 T1N-R1E</u>	<u>24</u>
<u>N 1/2 NW 1/4 Sec 32 T1N-R1E</u>	<u>32</u>

Land Description	No. Acres Irr.
<u>SW 1/4 SE 1/4 Sec 30 T1N-R1E</u>	<u>26</u>

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 3 years. Additional time required to complete application of water to the proposed beneficial use _____ years.11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Deadwood Press12. Principal Features of the Proposed Water Supply System. BLACK HILLS WEEKLY

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

Pipe

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

Pipe

C. Works proposed to apply water to beneficial use.

SprinklersEstimated Total Cost \$ 8000.00

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 Lawrence ss.I, Darrell Nicholas 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 Darrell NicholasSubscribed and sworn to before me this 29th day of April, 1980Carlene M. Rasmussen
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 1197-1

DARRELL NICHOLAS
(Applicant)

R.R. #1, Box 207, SPEARFISH,
(Post Office Address)

SOUTH DAKOTA 57783
(State)

With the following qualifications

The well approved under this permit shall be valved and the flow reduced to a minimum when not being used for irrigation or for storage purposes. If this well is abandoned or the permit cancelled, the well must be plugged in accordance with specifications of the Board of Water Management.

This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

Date of first receipt of application APRIL 30, 1980
Date of return to applicant for correction, amendments or changes required _____, 19____
Date of receipt of corrected application _____, 19____
Approved JULY 24, 1980, Recorded in Book 21 Page 217

WATER RIGHT PERMIT NO. 1197-1

The Water Management Board hereby grants and issues this Water Right Permit No. 1197-1 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is APRIL 30, 1980
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JANUARY 24, 1982
3. The whole of said work is to be completed on or before JULY 24, 1983
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JULY 24, 1983
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 2.28 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 irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventh (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 24, 1983; said water to be used during the following described annual period: MAY THRU OCTOBER

Witness my hand this 28th day of JULY, 1980

THE WATER MANAGEMENT BOARD

By: John H. H. H.
Chief Engineer, Water Rights

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

Form 2A — Wells (Supplement to Form 3)

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 7-7/8 to 8 1/2
4-1/4 Depth to 995

Type of casing steel
(wood, concrete, steel, etc.)

Size of casing 8 & 6" Thickness of casing 1/4"
472' - 8"

Length of casing 373' - 6" If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen bottom section 6" casing perforated

Size of perforated 6" 20'
screen (diameter) (length)

Thickness of gravel pack none, length of gravel pack

(c) Water Bearing Materials

Distance to water 840' Character of water bearing materials
fractured limestone

Thickness of water bearing material unknown

(d) Pump and Motor

Type of pump
(centrifugal, propeller, mixed flow, etc.)

Name of pump, size

Kind of motor
(gasoline, electric, diesel, etc.)

Horsepower, Name of Motor

(e) Complete well

Capacity 450 gnl./min at drawdown of unknown Estimated cost 30000

(f) Owner of land upon which well is located Jane Tulloch, Katherine Tulloch & Thomas J. Baird
Name

Spearfish, S. Dak.
Address

(g) Distance to nearest existing wells

On same owner's property None rods. On property owned by rs 197 rods

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

Merle Bandy

Belle Fouchie
Drilled The Well

- (1) Drill Hole, Diameter _____, Depth _____
- (2) Casing, Type Steel, Diameter 10", Thickness _____
(wood, concrete, steel, etc.)
- (3) 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. (Attach a copy of test well log)

- Depth to top of water bearing material _____
- Depth to bottom of water bearing material _____
- Depth to water (ground surface to water level) _____

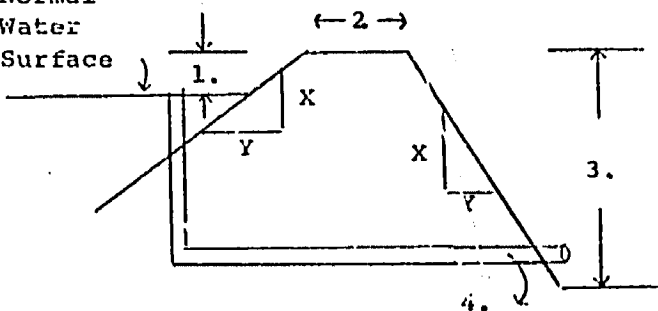
(2) Distance to nearest existing household or livestock watering well.

- 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, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.

Normal
Water
Surface



1. Freeboard 4 feet
2. Crest width _____
3. Height of Dam 14 ft
4. Outlet dimensions:
Pipe diameter 15 inch
Spillway width 100 feet
- X & Y slope:
Upstream 3:1
Downstream 2:1
Surface area of impoundment 1.6
Drainage area above dam 640

David Nichols
Signature of Applicant



CONSERVATION COMMISSION
WATER FORM
2/79

SOIL/WATER COMPATIBILITY APPLICATION FORM
STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

RECEIVED
MAY 08 1980
South Dakota
Division of Conservation

OWNERS NAME: Parrell Nicholas OWNERS ADDRESS: RR1 Box 27 Springfield
COUNTY LAND LOCATED IN: Lawrence PHONE: 642-3114
TENANT'S NAME AND ADDRESS: (If Other Than Owner) XXXXXXXXXX

In accordance with State Law SDCL 46-5-6.5, if a water right is granted with a conditional permit (Soil/Water Compatibility), a copy of such conditional permit must be filed with the County Register of Deeds.
This action must be taken by the holder of a water right within 6 months of receipt of such water right.

- LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres.)
1. WELL LOCATION OR DIVERSION POINT: South End of E 1/2 Sec 10, T.7N, R.1E
2. SURFACE WATER SOURCE: Well Same as above. Total acc 160
3. LOCATION OF AREA TO BE IRRIGATED: E 1/2 Sec 10, T.7N, R.1E
4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Farmstead, shelterbelts, wetlands, etc.)
TYPE OF IRRIGATION: (Show approximate acres under each type of system) Wheel
5. GRAVITY TOWLINE CENTER PIVOT GUN OTHER (Specify) Line
6. CROPS TO BE IRRIGATED: #2 Alfalfa Hay
7. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED:
LAND: None
IN WHAT NAME:

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)
8. SAMPLE NUMBER: 35-261
9. SALINITY (EC X 10⁶): 600
10. SODIUM (SAR) 0.25 ADJUSTED (SAR) 0.10

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see back) were followed, and that the sample was taken at 9:00 A.M. P.M., on April 30, 1980, at the following location: South End of E 1/2 Sec 10, T.7N, R.1E.
by Myself (Individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.
I also hereby certify that a chemical analysis of the irrigation water representative of that used to irrigate shall be acquired from South Dakota State University and the soils information has been acquired from Lawrence County Conservation District, County Extension Office or Soil Conservation Service; and further, that the legal description for the location of the well and land to be irrigated is true and correct.
I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS
25th DAY OF April, 1980.
Caroline M. Peterson
(NOTARY PUBLIC)

David L. Little
APPLICANT'S SIGNATURE
Keith L. Harner
Director, Division of Conservation
☒ APPROVED
☐ DISAPPROVED
☐ CONDITIONALLY APPROVED

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application.
In all cases a WATER RIGHT must be obtained from the State Water Rights Commission.

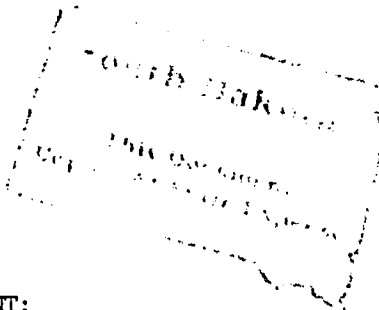
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

DIVISION OF CONSERVATION

NAME OF APPLICANT Darrell Nicholas, Spearfish

SOIL RESTRICTIONS:

THE SOIL(S) LISTED BELOW CANNOT BE IRRIGATED:



RECOMMENDED MANAGEMENT:

1. Water should not be applied more than _____ times during the irrigation season.
2. Each uninterrupted application (one rotation of center pivot) should be of at least _____ inches of water.
3. () Yes () No Surface drainage suggested on _____.
4. () Yes () No Subsurface drainage suggested on _____.
5. () Deep tillage (for the purpose of aiding movement of water through dense subsoils.

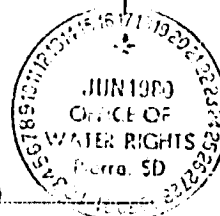
COMMENTS: See below

6. () Heavy fall application of irrigation water.
7. Type of irrigation system recommended for use on this application Sideroll or wheel line.

GENERAL COMMENTS:

Your soil is very fine and has no structure in the 2nd and 3rd foot. To help water penetration into the lower root zone for better alfalfa root penetration, deep chisel type tillage should be beneficial.

REPORT OF ANALYSIS
 Water Quality Laboratory
 Water Resources Research Institute
 South Dakota State University
 Brookings, South Dakota 57007



Submitted by: Darrell Nicholas
 Address: Rt. 1, Box 207
Spearfish, SD 57783

Date Rec'd: May 2, 1980
 Sample No. 80-267
 Identification Well-600*
S.D., Sec. 30, T 7N, R 1E

WATER ANALYSIS

Calcium (Ca)	98	ppm*	4.88	mc/l**
Magnesium (Mg)	23	ppm	1.89	mc/l
Sodium (Na)	2	ppm	0.09	mc/l
Potassium (K)	1	ppm	0.03	mc/l
Sulfate (SO ₄)	96	ppm	2.00	mc/l
Nitrate (as N)		ppm		mc/l
Chloride (Cl)	3	ppm	0.08	mc/l
Bicarbonate (HCO ₃)	273	ppm	4.48	mc/l
Carbonate (CO ₃)		ppm		mc/l
Iron (Fe)		ppm		mc/l
Fluoride (F)		ppm		mc/l
Hardness (ELTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	224	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	608	microhmhos per cm at 25° C.		
Sodium Adsorption Ratio	0.05	Adjusted SAR	0.10	
Sodium	1.30	% of cations		
Residual sodium carbonate	0.00	mc/l		
pH	7.28			

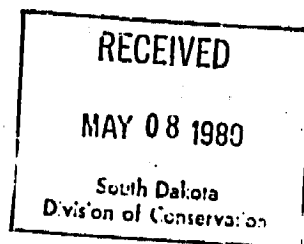
Others:

*ppm=parts per million

**mc/l=millequivalents per liter

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

COMMENTS: Total cations 6.89 mc/l
 Total anions 6.56 mc/l



By: Shirley J. Lattan

Service Performed	Amount Due
Irrigation analysis	\$15.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 80-267

Amount Enclosed

Signed

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 7490

PIERRE, April 30, 1980

RECEIVED OF Darrell Nicholas; RRI; Spearfish, SD 57783
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. 1197-1 (examination, processing, recording and filing.)	250.	00
Fee for Inspecting Construction, and Issuing Cert. of Construction No.		
Fee for Inspecting Beneficial Use, and Issuing Water License No.		
Fee for Issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for (any other work as provided by law)		
TOTAL	250.	00

WATER RIGHTS COMMISSION

By *John Hatch*
Chief Engineer, Executive Officer
JOHN HATCH bt

No. 1197-1

Publish first publication, on or before June 25, 1980

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

June 12, 1980

Notice is hereby given that Darrell Nicholas whose post office address is Spearfish, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22, 46-5-41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 2.26 cubic feet of water per second of time from groundwater (one well) through the Nicholas Irrigation, the point(s) of diversion of which is (are) to be located in the SP1, CR1

of Section 30, Twp. 7N, Range 1W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

SW1, Section 30; SW2, Section 29, N7, W1, Section 32 all in T7N, R1E

This Application No. 1197-1 will be considered by the Water Management Board at Kneip Building, Meeting Room 51 Pierre SD, Church & Illinois St. upon the 24th day of July, 1980

at 10 A. M. The Board 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 Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWR, Joe Foss Building, Pierre SD, prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD

cc: Darrell Nicholas
RR #1, Box 107
Spearfish SD 57783

PATTY MULLA
Water Rights Specialist

WNR-806A-7779
GROUNDWATER

Affidavit of Publication

STATE OF SOUTH DAKOTA,
COUNTY OF LAWRENCE, ss.

Voni Mattson of said county and state, being duly sworn, on his oath, says: That the Black Hills Weekly is a legal newspaper of general circulation, printed and published in Lead, in said county and state, by the Featon Publishing Company, and has been such a newspaper during the times hereinafter mentioned; and that I, Voni Mattson, the undersigned, am the Publisher of the said newspaper, in charge of the advertising department thereof, and have personal knowledge of all the facts in this affidavit, and that the advertisement headed Notice of

hearing on application to appropriate water

a printed copy of which is hereto attached, was printed in said newspaper for 2 successive and consecutive times, the respective publications thereof being made on June 25, 1930

and on July 2, 1930

and the last publication thereof on July 2, 1930

and that the full amount of fees charged for publishing the same, to-wit: the sum of \$25.00, inures solely to the benefit of aforesaid publisher and that no arrangement or understanding for a division thereof has been made with any person other than the publisher, and that no part thereof has been agreed to be paid to any other person whomsoever.

Subscribed and sworn to before me this

day of July, 1930.

Rock C. Hankerson
Notary Public, Lawrence County, S. Dak.

My commission expires Sept. 6, 1935

NOTICE OF HEARING ON APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501
June 23, 1930

Notice is hereby given that Darrel Nicholas, whose post office address is Spearfish, South Dakota, has made an application in accordance with the provisions of SDCT 46-13, thru 46-14, 46-29 thru 46-31, 46-51, 46-52 thru 46-54, 46-55, 46-56, 46-57, 46-58, 46-59, 46-60, 46-61, 46-62, 46-63, 46-64, 46-65, 46-66, 46-67, 46-68, 46-69, 46-70, 46-71, 46-72, 46-73, 46-74, 46-75, 46-76, 46-77, 46-78, 46-79, 46-80, 46-81, 46-82, 46-83, 46-84, 46-85, 46-86, 46-87, 46-88, 46-89, 46-90, 46-91, 46-92, 46-93, 46-94, 46-95, 46-96, 46-97, 46-98, 46-99, 46-100, 46-101, 46-102, 46-103, 46-104, 46-105, 46-106, 46-107, 46-108, 46-109, 46-110, 46-111, 46-112, 46-113, 46-114, 46-115, 46-116, 46-117, 46-118, 46-119, 46-120, 46-121, 46-122, 46-123, 46-124, 46-125, 46-126, 46-127, 46-128, 46-129, 46-130, 46-131, 46-132, 46-133, 46-134, 46-135, 46-136, 46-137, 46-138, 46-139, 46-140, 46-141, 46-142, 46-143, 46-144, 46-145, 46-146, 46-147, 46-148, 46-149, 46-150, 46-151, 46-152, 46-153, 46-154, 46-155, 46-156, 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46-907, 46-908, 46-909, 46-910, 46-911, 46-912, 46-913, 46-914, 46-915, 46-916, 46-917, 46-918, 46-919, 46-920, 46-921, 46-922, 46-923, 46-924, 46-925, 46-926, 46-927, 46-928, 46-929, 46-930, 46-931, 46-932, 46-933, 46-934, 46-935, 46-936, 46-937, 46-938, 46-939, 46-940, 46-941, 46-942, 46-943, 46-944, 46-945, 46-946, 46-947, 46-948, 46-949, 46-950, 46-951, 46-952, 46-953, 46-954, 46-955, 46-956, 46-957, 46-958, 46-959, 46-960, 46-961, 46-962, 46-963, 46-964, 46-965, 46-966, 46-967, 46-968, 46-969, 46-970, 46-971, 46-972, 46-973, 46-974, 46-975, 46-976, 46-977, 46-978, 46-979, 46-980, 46-981, 46-982, 46-983, 46-984, 46-985, 46-986, 46-987, 46-988, 46-989, 46-990, 46-991, 46-992, 46-993, 46-994, 46-995, 46-996, 46-997, 46-998, 46-999, 46-1000, 46-1001, 46-1002, 46-1003, 46-1004, 46-1005, 46-1006, 46-1007, 46-1008, 46-1009, 46-1010, 46-1011, 46-1012, 46-1013, 46-1014, 46-1015, 46-1016, 46-1017, 46-1018, 46-1019, 46-1020, 46-1021, 46-1022, 46-1023, 46-1024, 46-1025, 46-1026, 46-1027, 46-1028, 46-1029, 46-1030, 46-1031, 46-1032, 46-1033, 46-1034, 46-1035, 46-1036, 46-1037, 46-1038, 46-1039, 46-1040, 46-1041, 46-1042, 46-1043, 46-1044, 46-1045, 46-1046, 46-1047, 46-1048, 46-1049, 46-1050, 46-1051, 46-1052, 46-1053, 46-1054, 46-1055, 46-1056, 46-1057, 46-1058, 46-1059, 46-1060, 46-1061, 46-1062, 46-1063, 46-1064, 46-1065, 46-1066, 46-1067, 46-1068, 46-1069, 46-1070, 46-1071, 46-1072, 46-1073, 46-1074, 46-1075, 46-1076, 46-1077, 46-1078, 46-1079, 46-1080, 46-1081, 46-1082, 46-1083, 46-1084, 46-1085, 46-1086, 46-1087, 46-1088, 46-1089, 46-1090, 46-1091, 46-1092, 46-1093, 46-1094, 46-1095, 46-1096, 46-1097, 46-1098, 46-1099, 46-1100, 46-1101, 46-1102, 46-1103, 46-1104, 46-1105, 46-1106, 46-1107, 46-1108, 46-1109, 46-1110, 46-1111, 46-1112, 46-1113, 46-1114, 46-1115, 46-1116, 46-1117, 46-1118, 46-1119, 46-1120, 46-1121, 46-1122, 46-1123, 46-1124, 46-1125, 46-1126, 46-1127, 46-1128, 46-1129, 46-1130, 46-1131, 46-1132, 46-1133, 46-1134, 46-1135, 46-1136, 46-1137, 46-1138, 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46-1361, 46-1362, 46-1363, 46-1364, 46-1365, 46-1366, 46-1367, 46-1368, 46-1369, 46-1370, 46-1371, 46-1372, 46-1373, 46-1374, 46-1375, 46-1376, 46-1377, 46-1378, 46-1379, 46-1380, 46-1381, 46-1382, 46-1383, 46-1384, 46-1385, 46-1386, 46-1387, 46-1388, 46-1389, 46-1390, 46-1391, 46-1392, 46-1393, 46-1394, 46-1395, 46-1396, 46-1397, 46-1398, 46-1399, 46-1400, 46-1401, 46-1402, 46-1403, 46-1404, 46-1405, 46-1406, 46-1407, 46-1408, 46-1409, 46-1410, 46-1411, 46-1412, 46-1413, 46-1414, 46-1415, 46-1416, 46-1417, 46-1418, 46-1419, 46-1420, 46-1421, 46-1422, 46-1423, 46-1424, 46-1425, 46-1426, 46-1427, 46-1428, 46-1429, 46-1430



Department of Water & Natural Resources

No. 1197-1

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Division of Water Rights
605 773-3352

November 22, 1985

Derrell Nicholas
RR 1, Box 207
Spearfish SD 57783

Dear Mr. Nicholas:

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. 1197-1 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,

KAREN SCHMAAK
Administrative Aide

NOTE: On form of payment, please include the number of the water permit. This insures proper handling of the fee.

RECEIPT

Division of Water Rights

Nº 4-10251

South Dakota Department of Water and Natural Resources

Pierre, December 10, 1985

RECEIVED OF Darrell Nicholas, RR#1, Box 207, Spearfish, SD 57783

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. _____

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/neg

Permit No. 1197-1

Belle Fourche River Water District 10120203

Report Of Examination Of Works And/Or Application Of Water To Beneficial Use

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

I have this day made a thorough examination of the water use system constructed by Darrell Nicholas

Rt 1, Box 207 • Spearfish, S.D. 57783

Permit No. 1197-1, bearing the priority of April 30 1980 authorizing

the diversion of 2.28 cu. ft. per second of the waters of Well

for Irrigation purposes, in Lawrence County.

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

- A. Works used to divert the water: Flowing wall. 250 gpm. Flows into dam thru 6" Alum pipe or draw. Pump at dam pumps thru system. Motor - Baldor Electric. Cat # IM 23341, spec 109601-1080, 1760 RPM. Pumps 250 gpm. Cornell Pump. (No tag). Dam - 16' high, 4' freeboard. 10' top. 3:1 & 2:1 SS. 100+ ft spillway, length 200 ft. B. Works used to transport water to place of use: 15" Primary Spillway. Water depth 12.0', 2000 ft 5" Alum Main lines 5.0 surface Acres = 24 AF. Well has shut off valve

- C. Works used to apply water to beneficial use:**

Side Roll. Can be made up to $\frac{1}{2}$ mile length
1 $\frac{1}{2}$ HP Motor on Side Roll.

The system is in the following condition Good

The point of diversion is located 1650' E and 20' N of S $\frac{1}{4}$ Corner of
Sec. 30, T7N R1E

The works are capable of diverting and conveying to the place of use e 56

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: All in T7N R1E

NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29 = 26 Ac. : SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 30 = 27 Ac.

$SW\frac{1}{4}$ $SW\frac{1}{4}$ " 29 = 39 AC : $NW\frac{1}{4}$ $NW\frac{1}{4}$ " 32 = 9 AC

SE $\frac{1}{4}$, SW $\frac{1}{4}$ " 29 = 10 Ac. NE $\frac{1}{4}$, NW $\frac{1}{4}$ " 32 = 3 Ac.

NE $\frac{1}{4}$ SE $\frac{1}{4}$ " 30 = 11 Ac

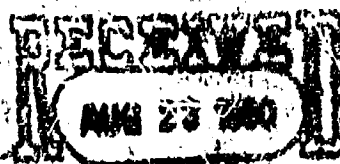
comprising a total of 125 acres of land and the license should be issued for .56 cfs

Applicable permit qualifications have been complied with X Yes _____ No

Exceptions to compliance are: _____ Date June 6, 1985

LeRoy J. McNaugh
(signature)

DRILLER'S LOG OF WELL



Location of Well S E 4, 5 E 4, Section 38, Township 7 N, Range 11 E
 Well to be drilled for Kathryn + Jane Tullock, Springfield, Ill.
 Owner of land (if other than above) Same
 Date well drilling started July 29 finished August 10
 Purpose of well irrigation (domestic, irrigation, municipal, industrial, other)

Diameter	inches	Feet	Describe kind of materials drilled	Ground Surface Elevation: (If Available)	Kind and thickness of casing to be installed:	Size of casing to be installed:	Type of seal between casing sizes:	Kind of perforator to be installed:	Material (steel, wood, concrete, etc.)	Size of screen:	Diameter inches	Length feet	Size openings inches	Depth below ground surface to which water is
0-46			Red Sandy Clay											
46-258			Red Silty Shale streaked with layers of gyp											
258-351			Red Silty Shale											
351-364			Red Sand											
364-518			Light lavender limestone											
518-540			Red to buff Bentonite Shale											

498 - 514 yellow + gray limestone
 514 - 520 Sand pink
 520 - 540 limestone
 540 - 640 white + pink sand
 640 - 897 red + pink sand

State of South Dakota
Water License No. 1197-1

(1) Darrell Nicholas
of RR#1, Box 207, Spearfish, South Dakota
made Application No. 1197-1, April 30, 1980 for a water permit to appropriate
2.28 cubic feet per second of water from groundwater (one well),
Lawrence County, South Dakota for irrigation purposes.
Permit No. 1197-1, with a priority date of April 30, 1980
was approved July 24, 1980 and issued to applicant(s) for diversion of water with construction of the described
water supply system to be completed on or before July 24, 1983 and for the application to beneficial use of said
water on or before July 24, 1983.

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 0.56 cubic feet per second of water
for beneficial use. The location of the diversion point(s) is 1650'E and 20'N of S½ Corner of Section 30,
T7N, R1E (DD)

Well runs into 24 AF storage dam located on a dry draw.

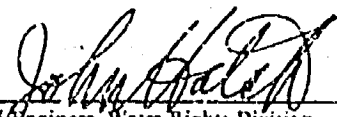
and

(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 lands all in T7N, R1E

Section 29	NW $\frac{1}{4}$ SW $\frac{1}{4}$	26 Acres (CB)
	SW $\frac{1}{4}$ SW $\frac{1}{4}$	39 Acres (CC)
	SE $\frac{1}{4}$ SW $\frac{1}{4}$	10 Acres (CD)
Section 30	NE $\frac{1}{4}$ SE $\frac{1}{4}$	11 Acres (DA)
	SE $\frac{1}{4}$ SE $\frac{1}{4}$	27 Acres (DD)
Section 32	NW $\frac{1}{4}$ NW $\frac{1}{4}$	9 Acres (BB)
	NE $\frac{1}{4}$ NW $\frac{1}{4}$	3 Acres (BA)
	TOTAL	125 ACRES

(4) Pursuant to §46-5-30.1 Darrell Nicholas
of RR#1, Box 207, Spearfish, South Dakota 57783
the holder(s) and/or owner(s) of Water Permit No. 1197-1 is issued a license to appropriate water, the right to use
0.56 cubic feet per second of water from groundwater (one well) with a priority date
of April 30, 1980 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. 1197-1 and subject
to South Dakota State Law.


Chief Engineer, Water Rights Division
Department of Water and Natural Resources
NOV 17 1986

JOHN HATCH

No. 1197-1

South Dakota Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

NOV 17 1986

Darrell Nicholas
RR#1, Box 207
Spearfish, South Dakota 57783

Dear Mr. Nicholas:

Enclosed herewith is, Water License No. 1197-1. 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,

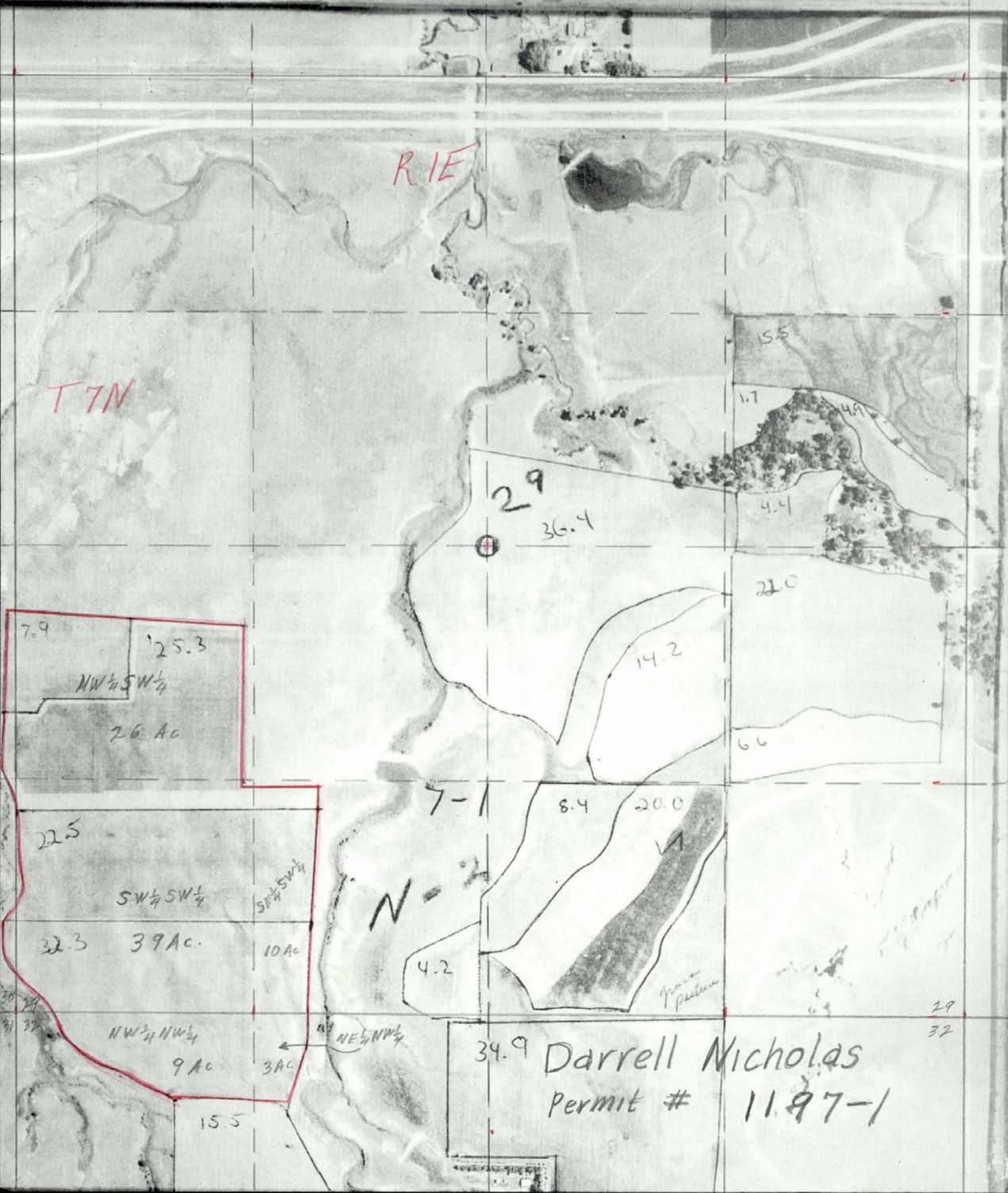


JOHN HATCH, Chief Engineer
Water Rights Division

JH: 175

Enclosures

NOT TO SCALE



NOT TO SCALE

R1E

69.0

T7N

48.3

30

10.9

24.3

NE $\frac{1}{4}$ SE $\frac{1}{4}$ 9

11 Ac

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

27 Ac

6" Aluminum Pipe
Well

Dam

Pump Site

Darrell Nicholas

N-1 Permit # 1197-1

7-1

20 ft

29.9
1650'

3.5

NOT TO SCALE

NOT TO SCALE

R 1E

T 7N

Dam
Pump Site

NE 1/4 SE 1/4 11 AC
SE 1/4 SE 1/4 27 AC
6" Aluminum Pipe
Well

29.9
1650'

7-1

3.5

20 ft

10.9

48.3

69.0

20

14.2

29
36.1

22.0

6.0

8.4 20.0

4.2

34.9

Darrell Nicholas
Permit # 1197-1

29
32

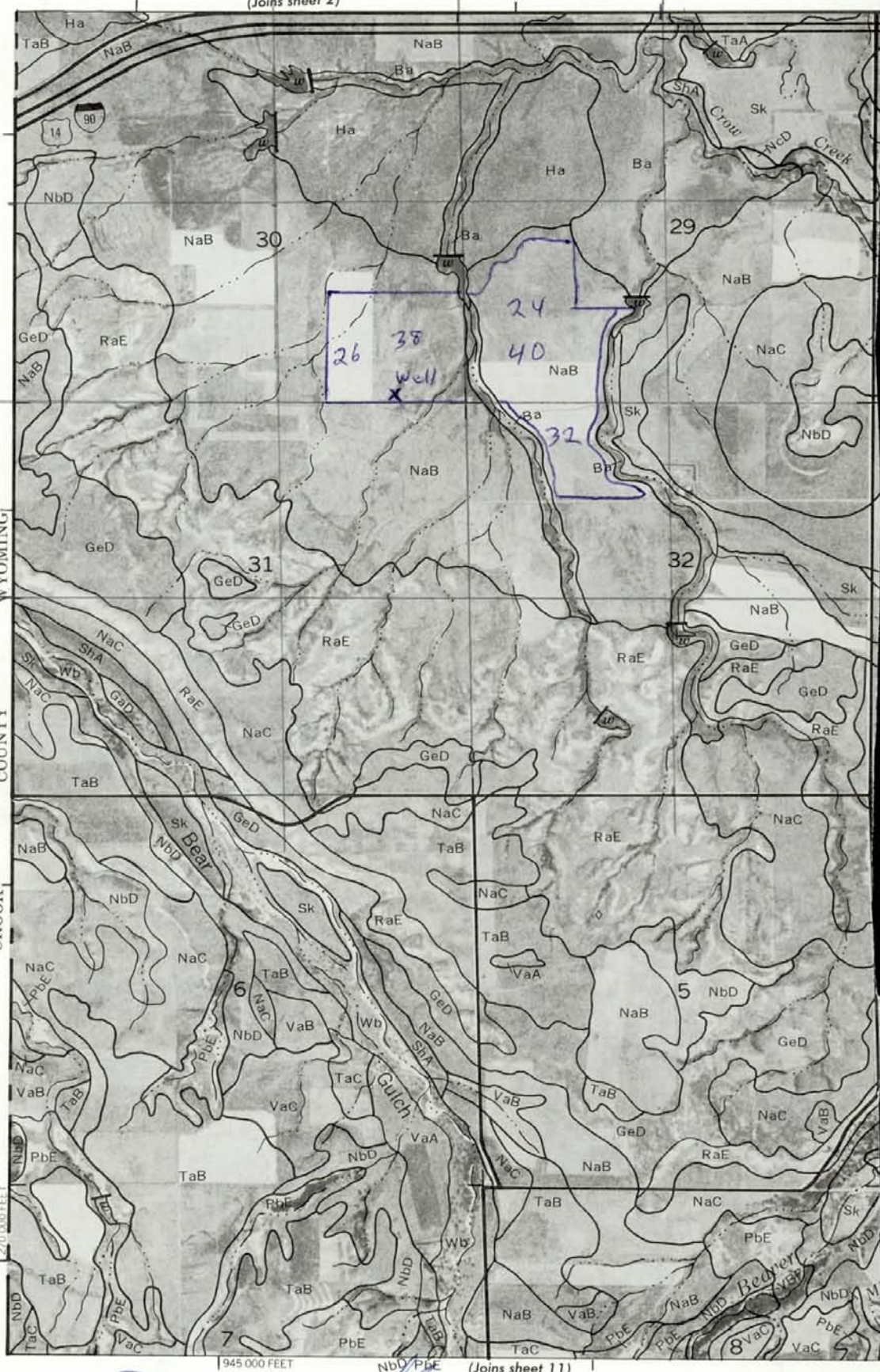
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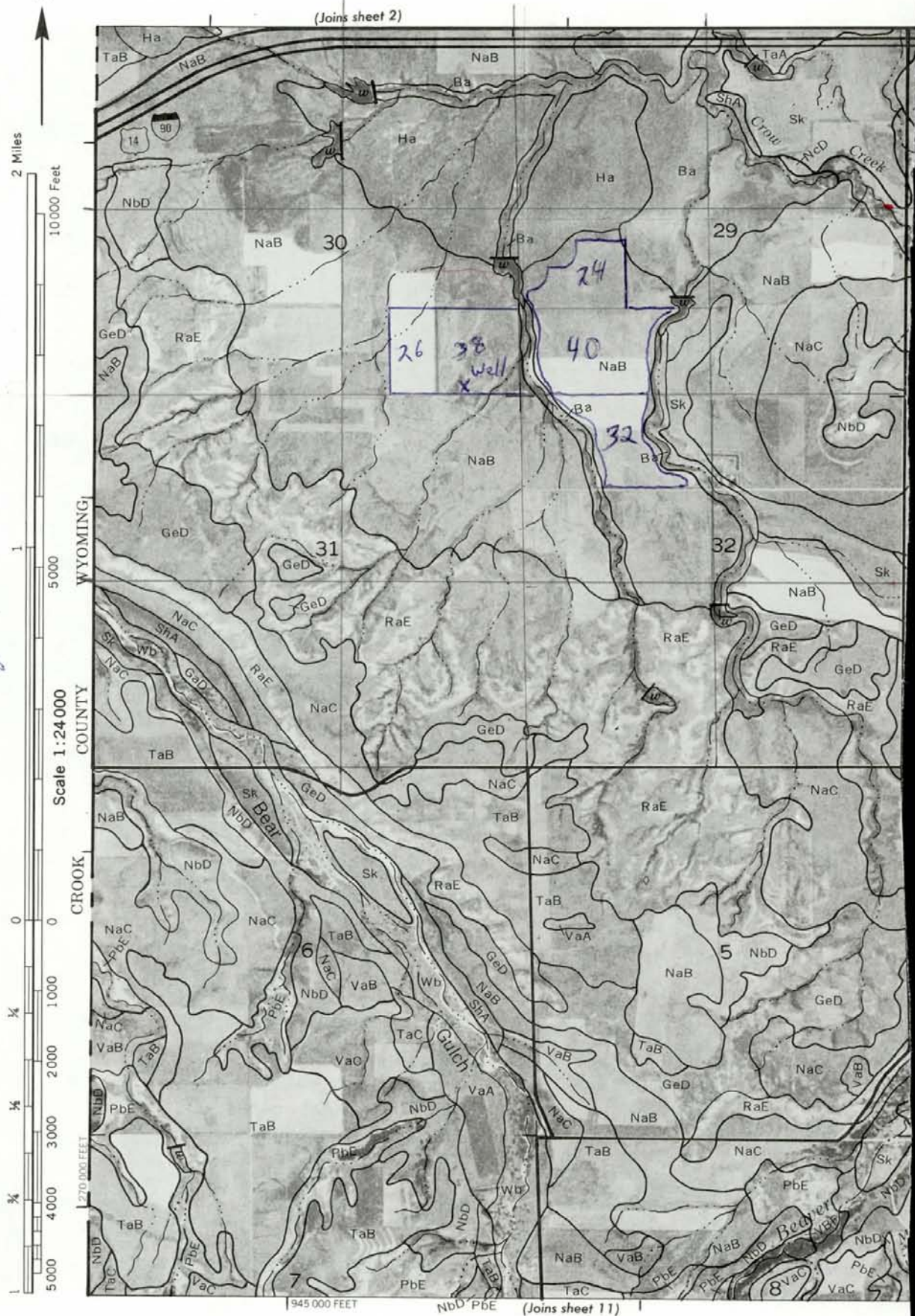
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N

(Joins sheet 2)



Decker Hoffman
District Conservationist Map #1006-1
(appl. 1197-1)



Robert H. Moore
 Acting Chairman

Copy

map #1006-1 (appt 1197-1)