

Right No. 9436-3

To Be Considered 9-27-79

COUNTY Mississippi about 1

miles EAST of Union

APPLICATION Name W. M. Landon Sr. Address Rockledge, S.D.

Date _____

Priority Received July 26, 1979 Application Complete yes _____ no X

Date _____

July 26, 1979 Returned or additional information or fee requested log fee

Remarks Don't log in - changed location of well - both in

SW 1/4 sections on 100 and SEC matched to Rock

Don't in another name.

Date information and/or fee or corrected Application received August 7, 1979 (fee)

Source Groundwater (two wells)

Use Driv. Acres 267

Amount c.f.s. 3.81 Maximum acre feet allowed _____

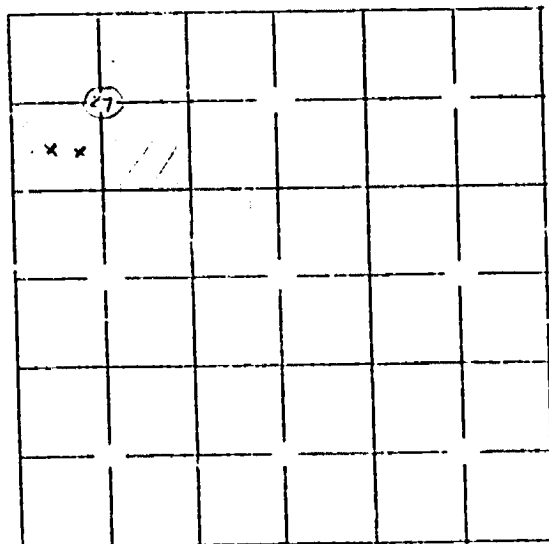
FEE

Amount 300.00

Diversion Location Approximate

Center of SW 1/4 and SE 1/4 SW 1/4

Section 27-110-28



Land to be Irrigated 1/2 Section 27-110-28

Period of annual use April thru October

MAP

Type of Map Aerial Prepared by John Weissman

Map No. 5465-3 Map located in W/R X Map file _____

WELL LOG

Received yes X no _____ Date of request _____

Remarks _____

Date _____

Returned _____

Driller Burnshaw Drilling Licensed in SD yes X no _____

Depth and Formation 44' & 46' water

OTHER
INFORMATION
FILED WITH
WATER RIGHT

WATER
QUALITY

Date
Received 9-7-79 Approved/Conditional (Circle one)
Disapproved
Date _____ Reason _____
Date Disapproved _____
Application returned _____
WI-I Land
Description - same as Application- yes X no _____ Remarks _____

+++++

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 Sept 27, 1979.
B. Wiselund
(Signed)

This Application was unable to be completed - Reason _____

PUBLICATION

1st Received _____ Date Affidavit Received 9-28-79
Paper Brookings Register

PROTESTS

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

STAFF RECOM
MENDATIONS

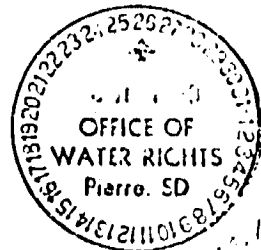
BOARD
ACTION

Date Approved 9-28-79 Qualifications WT
Deferred - Date _____ Reason _____
Denied - Date _____ Reason _____

REMARKS
F.F. & C. OF
LAW, FINAL
DECISIONS,
ETC.

Date
Final Decision, including F.F. & C. of Law was adopted _____
Date
Final Decision mailed to parties &/or parties notified that Final Decision was adopted _____
Remarks _____

Map No. 3665-3 Water Division No. 3 BIG SIOUX RIVER District
(Blanks to be Filled by the Engineer for the W. H. 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 W. M. Landsman, Jr.
Postoffice address Elkton, S.D. 57026 State S.D.
If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract & Direct Labor
3. Name of diversion work W. M. Landsman, Jr. Irrigation Project #1
4. Amount of water claimed (cubic feet per second) 3.81
5. Source of water supply 2 wells
6. Location of point of diversion 1866' N 45° E of SW corner of sec 27-110-48
with 4' 2' 1866' N 45° E of SE corner of sec 27-110-48
2400' N 60° E of SW CORNER - 27-110-48 County Brookings
7. Annual period or periods during which water is to be used April through October
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 267

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 1/4 of SW 1/4 Sec 27-110-48	36	NW 1/4 SE 1/4 Sec 27-110-48	38
NE 1/4 " " " " " "	38	NE 1/4 " " " " " "	36
SW 1/4 " " " " " "	35	SW 1/4 " " " " " "	38
SE 1/4 " " " " " "	19	SE 1/4 " " " " " "	28

Attach sheet if more space is needed

10. Time required to complete construction of water supply system Five years. Additional time required to complete application of water to the proposed beneficial use Four years.
11. Choice of newspaper for Notice of Intent to Appropriately Water publication Brookings Register
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source. 2 wells with deepwell turbinesB. Works proposed to transport water to place of use. closed conduitC. Works proposed to apply water to beneficial use. center pivot irrigation machineEstimated Total Cost \$9,000

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 Brookings)

I, W. M. Landsman, Jr. 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 W. M. Landsman, Jr.Subscribed and sworn to before me this 24 day of July 1979

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4436-3W.M. LANDSMAN JR
(Applicant)ELKTON
(Post Office Address)SOUTH DAKOTA 57026 With the following modifications.
(State)

The irrigation wells 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: JULY 26, 19 79
 Date of return to applicant for correction, amendments or changes required: JULY 30, 19 79
 Date of receipt of corrected application: SEPTEMBER 7, 19 79
 Approved SEPTEMBER 28, 19 79, Recorded in Book 21 Page 66

WATER RIGHT PERMIT NO. 4436-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4436-3 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 JULY 26, 19 79
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MARCH 28, 19 82
3. The whole of said work is to be completed on or before SEPTEMBER 28, 19 84
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is SEPTEMBER 28, 19 88
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 3.81 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 SEPTEMBER 28, 19 88; said water to be used during the following described annual period: APRIL THRU OCTOBER

Witness my hand this 10th day of OCTOBER, 19 79

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19 ____

Water Licenses Issued _____, 19 ____

GRIMSHAW DRILLING CO.

DRILLING
LOG

224 South Monroe
Sioux Falls, S.D. 57106
Phone 888-532-0874

Box 81
Chester, S.D. 57016
417-2172 or 2427

Name W. M. Handman Date 7-5-79

Address R R 2 E 1/4 Sec. 27 Twp. 110 Range 48

County Brookings Sec. 27 Twp. 110 Range 48

middle of SW 1/4 Alton Township

NO. FT.	DIA.	RATE	CASING	TOTAL
50'	4 3/4"	\$3.00	—	\$150.00

BALANCE DUE:

0 ft. to 2 ft. Topsoil ft. to ft.

2 ft. to 5 ft. Brown clay ft. to ft.

5 ft. to 44 ft. Good clean grey sand ft. to ft.

44 ft. to 46 ft. Brown clay ft. to ft.

46 ft. to 50 ft. Blue clay ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

STATIC WATER LEVEL 5 ft.

Sam M. Wood
DRILLER

REMARKS: Surface is at .080" slot 55. surface
and should produce 800 gpm +

UNION DRILLING CO.

DRILLING LOG

924 South Melrose
Sioux Falls, S.D. 57106
Phone 605-332-6974

Box 81
Chester S.D. 57016
584-2181 or 584-27

Name Wm. Handsman Date 8-29-77

Address R.R. 2 ELKTON, S.D.

County Brookings Sec. 22 Twp. 110 Range 48
Alton Township SW 14

NO. FT.	DIA	RATE	CASING	TOTAL

BA'ANCE DUE:

0 ft. to 2 ft. Topsoil ft. to ft.

2 ft. to 4 ft. Grey Clay ft. to ft.

4 ft. to 46 ft. Good Brown water bearing sand ft. to ft.

46 ft. to 50 ft. Blue clay ft. to ft.

800' W of middle ft. to ft.
ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

ft. to ft. ft. to ft.

STATIC WATER LEVEL ft. Spring 11 Water

REMARKS:

COMMISSION

4436-3

SOIL/WATER COMPATIBILITY APPLICATION FORM

STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

RECEIVED

JUL 26 1979

South Dakota
Division of Conservation

IMPORTANT: Read Instructions Before Proceeding!!!

693-4432

NAME

1020 Land...

ADDRESS

RR #1, Box 1020, South Dakota

COUNTY

Brookings

In accordance with State Law (Section 1, SB-58), 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:

1. WELL LOCATION OR DIVERSION POINT Sec 10, T1N, R10E, S10E, Sec 10, T1N, R10E, S10E
2. LOCATION OF AREA TO BE IRRIGATED Sec 10, T1N, R10E, S10E

TYPE OF IRRIGATION:

3. GRAVITY ☒ TOWLINE ☐ CENTER PIVOT ☐ GUN ☐
- OTHER (SPECIFY) ☐
4. CROPS TO BE IRRIGATED Corn, Soybeans

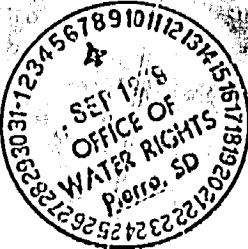
WATER QUALITY: (To be completed by SDSU Water Quality Lab)

5. SAMPLE NUMBER 77-110-48
6. SALINITY (EC X 10⁶) 16.12
7. SODIUM (SAR) 2.70 At SAR = 2.10
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0.0

I do 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 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.

SUBSCRIBED AND SWORN BEFORE ME THIS
11 DAY OF July, 1979.

(TITLE OR SEAL)



APPLICANT'S SIGNATURE

Approved

Disapproved

Conditionally Approved

(SOILS INFORMATION ON REVERSE SIDE)

REPORT OF ANALYSIS

Water Resources Research Institute

South Dakota State University

Brookings, South Dakota 57007

Date Rec'd ... August 23, 1979

Sample No. 79-581

Identification Well- 800! west of West

.....311, Sec. 27, T. 110N, R. 48W.

WATER ANALYSIS

Calcium (Ca)	232	ppm*	11.60	me/l**
Magnesium (Mg)	82	ppm	6.69	me/l
Sodium (Na)	43	ppm	.87	me/l
Potassium (K)	1	ppm	0.03	me/l
Sulfate (SO ₄)	134	ppm	2.78	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	140	ppm	3.92	me/l
Bicarbonate (HCO ₃)	473	ppm	7.76	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)	383	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1582	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.60	Adjusted SAR	1.75	
Sodium	9.25	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.86			
Others:				

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

**mc/l=millequivalents per liter

COMMENTS: Total cations 20.19 me/l
Total anions 14.46 me/l



By: Shirley Litten

Amount Due

\$12.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Amount Enclosed \$.....

Signed.....

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

Submitted by: William Sanderson Date Rec'd: July 11, 1979
 Address: Sioux Falls, SD 57026 Sample No.: 79-143
 Identification: Well 14'
Center Sec. 27, T. 110N, R. 49E 48W
SW4 7-27-79 PWD 7-27-79 PWD

WATER ANALYSIS

Calcium (Ca)	172	ppm*	8.60	me/l**	<i>Alkalinity</i> <i>Dilling, Chester</i>
Magnesium (Mg)	110	ppm	9.05	me/l	
Sodium (Na)	47	ppm	2.03	me/l	<i>Hardness, Dilling</i>
Potassium (K)	1	ppm	0.02	me/l	
Sulfate (SO ₄)	174	ppm	3.62	me/l	
Nitrate (as N)		ppm		me/l	
Chloride (Cl)	165	ppm	4.62	me/l	
Bicarbonate (HCO ₃)	566	ppm	9.28	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)	464	ppm (as CaCO ₃)			
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)			
Electrical Conductivity	1618	micromhos per cm at 25° C.			
Sodium Adsorption Ratio	0.70	Adjusted SAR	2.10		
Sodium	10.30	% of cations			
Residual sodium carbonate	0.00	me/l			
pH	7.38				

Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 19.70 me/l
 Total anions 17.92 me/l

RECEIVED

JUL 26 1979

South Dakota
 Division of Conservation

By: Shirley Kitten

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. 79-143

Amount Enclosed \$

Signed

d

Winter night copy.

THE SOIL(S) LISTED BELOW CANNOT BE IRRIGATED:

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

COMMENTS: **Beneficial if accomplished in seasons of dry conditions after harvest**

6. () Heavy fall application of irrigation water.
7. Type of irrigation system recommended for use on this application. Center pivot.

GENERAL COMMENTS:

GENERAL COMMENTS:

Your management controls center around the intake rates of your sandy soils versus your heavier soils, such as Kranzberg loam and Lamoure Silty clay loam.

The drainageway should be maintained as a grass waterway with a graded slope throughout for best crop production and minimum stress on your pivot.

Copy to applicant
Copy to Water Rights
Copy on File

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 2 1/2", Depth 45'
(2) Casing, Type PVC (wood, concrete, steel, etc) Diameter 1 1/2" Thickness 3/8"
(3) Perforated Screen, Type Schlosser, Diameter 1 1/2", Length 15'
(4) Gravel Pack, Thickness 5", Length of gravel pack Entire length

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 Sand & Gravel Log

Depth to top of water bearing material 5'

Depth to bottom of water bearing material 45'

Thickness of water bearing material 40'

Depth to water (ground surface to water level) 6'

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

On same owner's property 21-60 rds. On property owned by others 41-180 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.

W. M. Sanderson Jr.
Signature of Applicant

No. 4436-3

Publish first publication, on or before September 14, 1979

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

September 7, 1979

Notice is hereby given that W.M. Landsman Jr. whose post office

address is Elkton, 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 3.81 cubic feet of water per second of time from ground water
Project No. 1

(two wells) through the Landsman Jr. Irrigation /, the point(s) of diversion of which ~~xx~~(are) to be located in the approximate center of SW $\frac{1}{4}$ and the SE $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 27, Twp. 110N, Range 40W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

S $\frac{1}{2}$, Section 27, T110N, R48W

This Application No. 4436-3 will be considered by the Water Management Board at the Community Room, City Hall
222 E Dakota, Pierre, SD upon the 27th day of September, 1979

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.

WATER MANAGEMENT BOARD

BETTY WESTLUND
Water Rights Specialist

cc: W.M. Landsman, Jr., Elkton, SD 57026

Affidavit of Publication

State of South Dakota

SS

County of Brookings

Dennis E. Koenders of said county, being first duly sworn, on oath, says: That he is one of the editors of THE BROOKINGS REGISTER, a daily newspaper, printed and published in the City of Brookings, in said County of Brookings, and State of South Dakota; that he has full and personal knowledge of the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies of each issue daily; that said newspaper has been published within the said County of Brookings and State of South Dakota, for more than one year next prior to the first publication of Exhibit "A," hereto attached and herein mentioned, and was and is printed in the office maintained at said place of publication; and that the

Legal No. 417

50 lines x .367

a printed copy of which, taken from the paper in which the same was published, is hereto attached marked Exhibit "A," and is made a part

of this affidavit, was published in said newspaper for

successive week(s), to-wit:

September 12, 1979 19.....
September 19, 1979 19.....
..... 19.....
..... 19.....

That the full amount of the fee charged for the publication of said Exhibit "A" inures to the sole benefit of the publishers of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are:

Eighteen dollars and thirty-five cents Dollars

Subscribed and sworn to before me this 10th day of

September, 1979

D. E. Koenders

Notary Public in and for the County of Brookings, South Dakota.

My Commission expires September 6, 1985

Exhibit "A"

Legal No. 417, Sept. 12 & 19
NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE
WATER

Pierre, South Dakota 57501
September 7, 1979

Notice is hereby given that W.M. Landsman Jr. whose post office address is Elkton, 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 46-2-13; 46-3-1 thru 46-3-8; 46-5-10 thru 46-5-22, 46-5-4; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-11, 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 3.81 cubic feet of water per second of time from ground water (two wells) through the Landsman Jr. Irrigation-Project No. 1, the point (s) of diversion of which (are) to be located in the approximate center of SW 1/4 and the SE 1/4 SW 1/4 of Section 27, Twp. 110N, Range 48W. Said water to be used for the purpose of providing irrigation on portions of the following described land: S 1/4, Section 27, T110N, R48W.

This Application No. 4436-3 will be considered by the Water Management Board at the Community Room, City Hall, 222 E. Dakota, Pierre, SD upon the 27th day of September, 1979 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.

WATER MANAGEMENT BOARD
BETTY WESTLUND
Water Rights Specialist



RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7029

PIERRE, September 7, 1979

RECEIVED OF M.L. Landsman, Jr., Elkton, SD 57026

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

Fee for Application for Permit to Appropriate Water No. 4436-3 (examination, processing, recording and filing)	300	0
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	300	0

WATER RIGHTS COMMISSION

By *John Hatch*
Chief Engineer, Executive Officer
JOHN HATCH 97

 **Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3131

August 14, 1990

4436-3

Wm Landsman, Jr.
RR #2 Box 38
Elkton, SD 57026

Dear Mr. Landsman:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit No. 4436-3, 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 issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

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

Sincerely,



Genny McMath
Natural Resources Analyst
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, August 24, 1990

RECEIVED OF W.H. Kandsman, Elkton SD 57026

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. 4436-3

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 H. H. H. H.
Chief Engineer

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

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

- A. Works used to divert the water: ONE 12" WESTERN LARND ROLLER PUMP WITH A 750 gpm CAPACITY.
- B. Works used to transport water to place of use: 660' OF 8" ALUMINUM PIPE AND 2640' OF 8" PUC PIPE. AN UNSPECIFIED PUMP IS REATED WHEN SUPPLEMENTAL WATER IS NEEDED FROM WELL #2. CAPACITY IS NOT INCREASED
- C. Works used to apply water to beneficial use: A 1271' VALLEY TOWABLE CENTER PILOT

Water has been put to beneficial use to the maximum extent as follows: ALL LANDS LOCATED IN
SECTION 27-T10N-R48W NW $\frac{1}{4}$ SW $\frac{1}{4}$ - 34ac NW $\frac{1}{4}$ SE $\frac{1}{4}$ - 34ac
 NE $\frac{1}{4}$ SW $\frac{1}{4}$ - 34ac NE $\frac{1}{4}$ SE $\frac{1}{4}$ - 34ac
 SE $\frac{1}{4}$ SW $\frac{1}{4}$ - 18ac SE $\frac{1}{4}$ SE $\frac{1}{4}$ - 28ac
 SW $\frac{1}{4}$ SW $\frac{1}{4}$ - 34ac SW $\frac{1}{4}$ SE $\frac{1}{4}$ - 34ac

Exceptions to compliance are: _____ Date 7/12/90

Mark D. Roth

LICENSE FOR PERMIT NUMBER 4436-3

1. Legal location of wells: FROM THE SW CORNER OF SECTION 27-T11DN-R48W
WELL #1 1320' NORTH AND 1320' EAST, WELL #2 830' NORTH AND 890' EAST
dams & structures: _____

TEST HOLE WELL LOG FOR WELL #1 IS ALL THAT IS AVAILABLE WELL #2 HAS WELL LOG AVAILABLE
2. Well Information: Well Drilling Firm GRIMSHAW

Completion Report Yes X No _____ No. of Wells 2 Depth 51'
Casing a) diameter 18" Screen a) type STAINLESS STEEL
b) length 39' b) length 12'
c) type PLASTIC Static Water Level 9'
Pump a) make WESTERN LAND ROLLER Motor a) make US ELECTRICAL
b) model _____ b) model No. 364 TP
c) size 12" c) horsepower rating 60
d) capacity 750 gpm
e) turbine pump - no. of stages 4
f) operating PSI 60

3. Distribution lines or canals

a) size 8"
b) type PVC & ALUMINUM
c) length 2640' & 660'

4. Dam Information:

a) height to crest _____ m) Outlet tubes:
b) height to primary spillway _____ 1) diameter _____
c) height to secondary spillway _____ 2) type _____
d) crest width _____ 3) valved (Y/N) _____
e) crest length _____ 4) valve type _____
f) spillway length _____ 5) location on structure _____
g) spillway width _____
h) approx. storage _____ n) Category of Dam _____
i) approx. storage to crest _____
j) date constructed _____
k) inspection sheet completed (Y/N) _____
l) Name of Contractor _____

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 _____

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

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

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

- 1) length _____ feet
- 2) make, model & number of
sprinklers _____
- 3) spacing of sprinklers _____
- 4) nozzle size _____

d) center pivot

- 1) make VALLEY TOWNE
- 2) number of towers 7
- 3) distance between towers _____
- 4) overall length 1271
- 5) end gun (Y/N) Y
- 6) high or low pressure High
- 7) make & size of nozzles
RAINBIRD, NELSON
- 8) capacity (GPM) 625

g) siphons

- 1) size _____
- 2) number _____

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project _____

Yes	No	Check Items
<u>X</u>	---	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
<u>X</u>	---	2. Special qualifications to permit being abided by?
<u>X</u>	---	3. All structures, wells and lands on map?
<u>X</u>	---	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
---	<u>X</u>	5. Is chemigation used?
---	<u>NA</u>	6. If yes, does equipment comply with chemigation rules?

REMARKS:

6/60

Driller's _____
 Driller's or Firm's Name _____ License NO. _____
 Address _____
 Signed By _____ Date _____

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4436-3

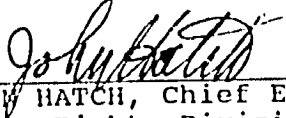
(1) W.M. Landsman, Jr. of RR #2 Box 38, Elkton SD 57026 made Application No. 4436-3, July 26, 1979 for a water permit to appropriate 3.81 cubic feet of water per second from groundwater (two wells), Brookings County, South Dakota for irrigation purposes. Permit No. 4436-3 with a priority date of July 26, 1979 was approved September 28, 1979 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before September 28, 1984 and for the application to beneficial use of said water on or before September 28, 1988.

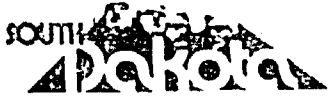
(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.67 cubic feet of water per second for beneficial use. The location of the diversion points are: Well #1 - 1320'N and 1320'E of the SW corner; Well #2 - 830'N and 890'E of the SW corner of Section 27, T110N, R48W.

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

T110N, R48W Section 27	NW1/4 SW1/4	34	acres
	NE1/4 SW1/4	34	"
	SE1/4 SW1/4	18	"
	SW1/4 SW1/4	34	"
	NW1/4 SE1/4	34	"
	NE1/4 SE1/4	34	"
	SE1/4 SE1/4	28	"
	SW1/4 SE1/4	34	"
	Total	250	acres

(4) Pursuant to Section 46-5-30.1 W.M. Landsman, Jr. of RR #2 Box 38, Elkton SD 57026 the holder(s) and/or owner(s) of Water Permit No. 4436-3 is issued a license to appropriate water, the right to use 1.67 cubic feet of water per second from groundwater (two wells) with a priority date of July 26, 1979 from the location specified in (2) of this license. The water is 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. 4436-3 and subject to South Dakota State Law.

 SEP 12 1990
JOHN HATCH, Chief Engineer
Water Rights Division
Department of Water and Natural
Resources



Department of Water & Natural Resources

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

4436-3

SEP 12 1990

W.M. Landsman, Jr.
RR #2 Box 38
Elkton SD 57025

Dear Mr. Landsman:

Enclosed is Water License No. 4436-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 412351 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 4436-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

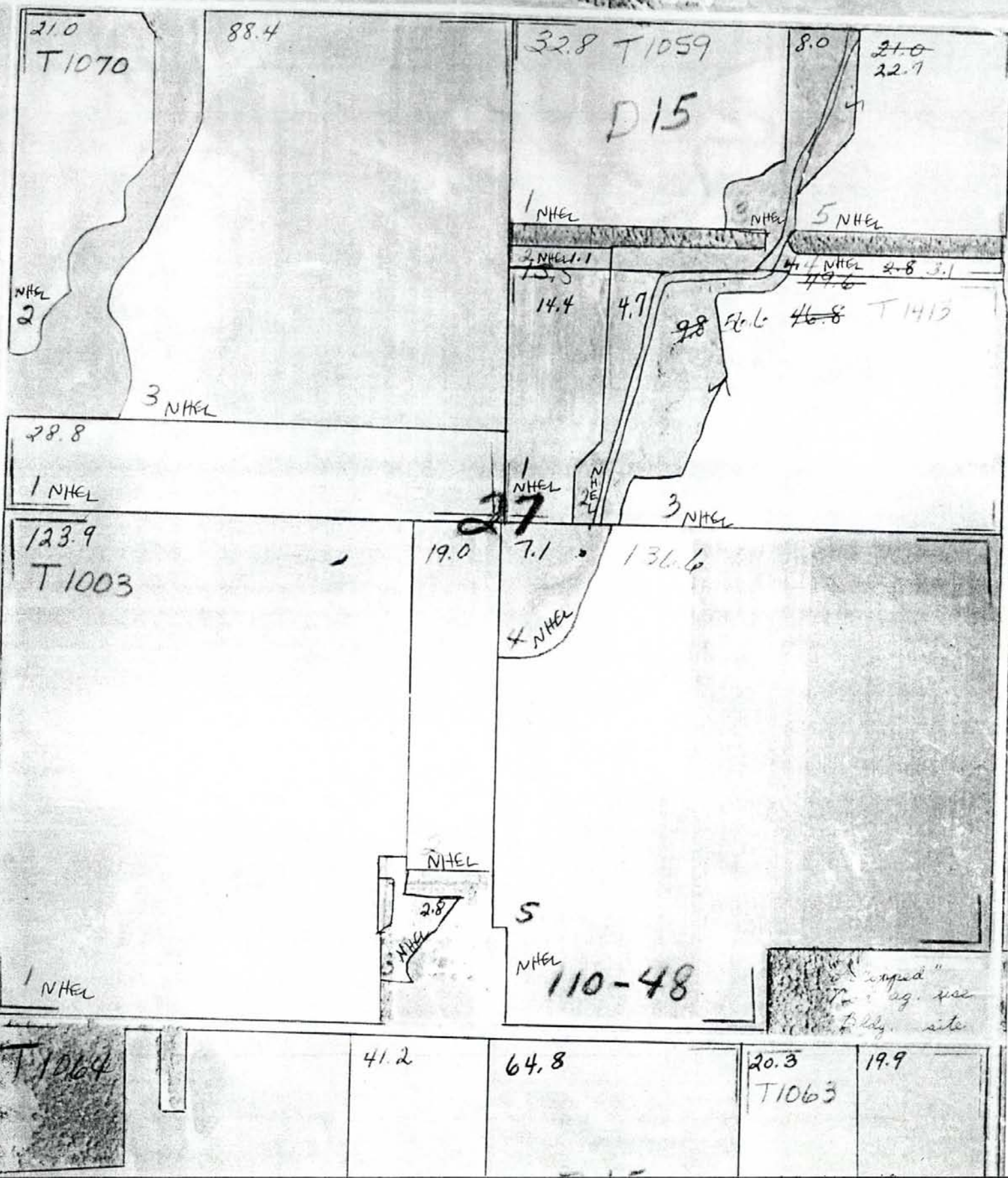
As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Very truly yours,

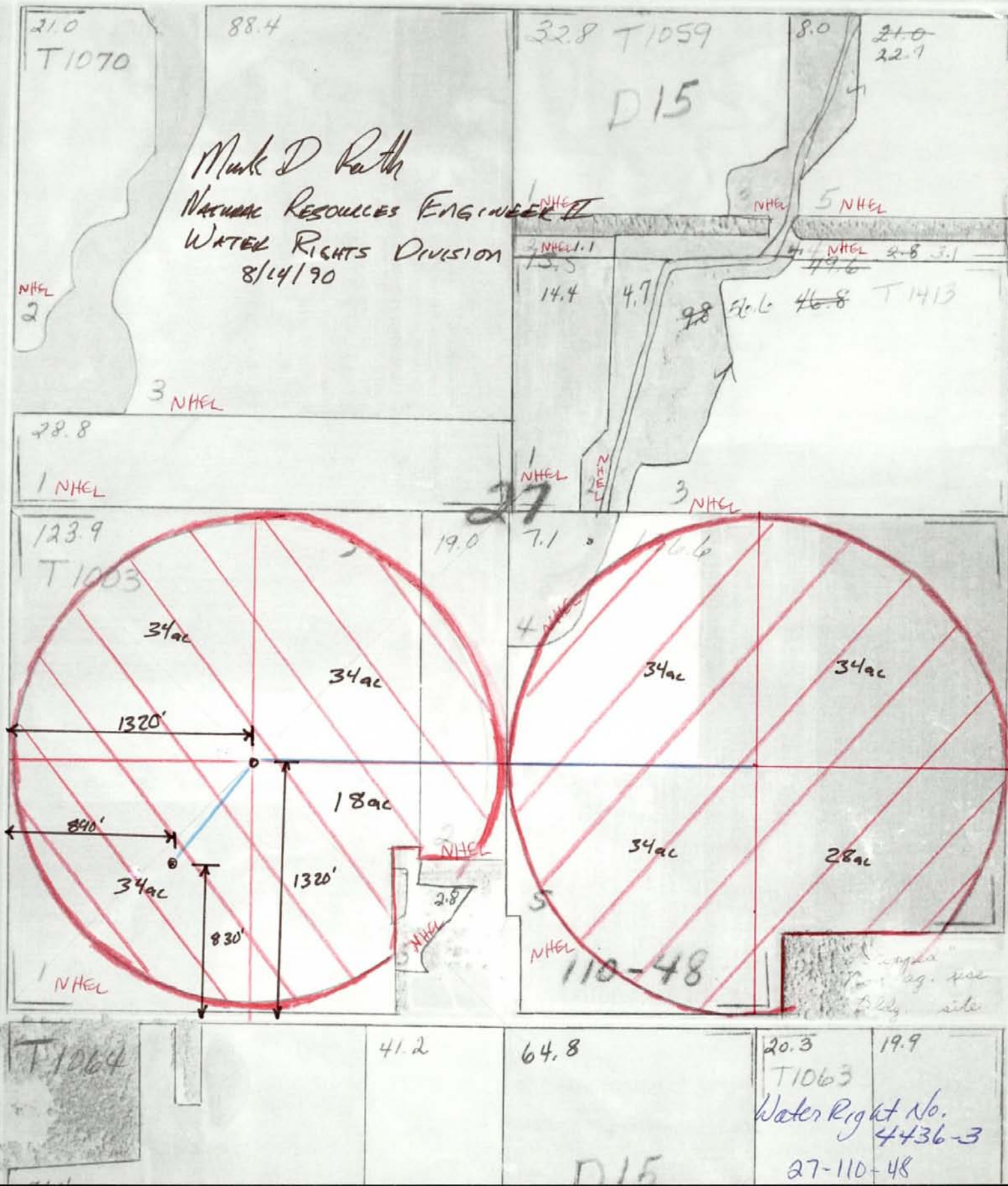
JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures

NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

21.0

88.4

33.5

21.0

Appl # 4436-3

3-115

W.M. Landsman, Jr.

Elkton S. Dak.

Irrigation Project #1

S² 0527-110-48

Water - 381 cfs.

Area - 267 Acres

16.9

79.6

28.8

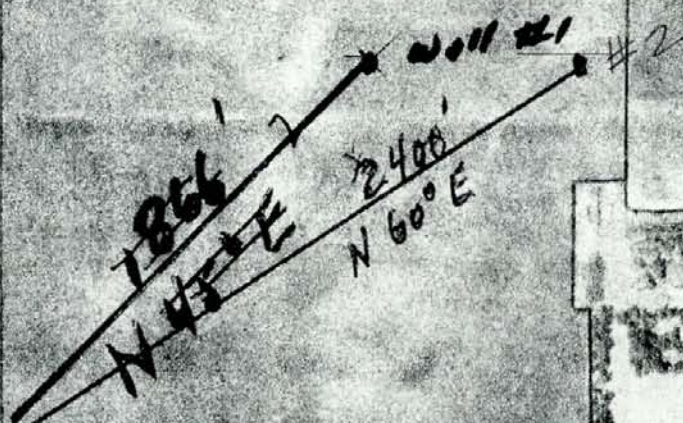
27

123.9

19.0

66.5

61.6



~~NOT DRILLED~~
~~Well #2~~

~~1866'~~
~~N 45° E~~

110.48

5.9

6.0

41.2

64.8

30.3

19.9

7-24-79

3-115

Corridor Connect

John W. Lawrence

Map 36 to 23

71.4

NOT TO SCALE 4436-3

