

1. Considered: JULY 28, 1982 Water Right No. 4914-3
2. Name of Applicant Roscoe, City of
3. Post Office Address Box 95, Roscoe, SD 57471
4. Amount of Water Claimed 2.0 maximum acre feet
5. Source of Water Supply ground water-425' well (old well.)
6. Water to be used for MUN acres to be irrigated
7. County Edmunds about 1 miles E of ROSCOE
8. PROOF OF PUBLICATION: Received 7-28-82 Not Received
- APPLICATION: Approved 7-28-82 Subject to DW
- Not Approved : Action Deferred

PRIORITY 7-8-82 Dated Received 7-8-82 Application complete-yes x no FEE -
 Remarks need map

Corrected Application received 7-13-82 Period of Annual Use continuously

WATER QUALITY N/A Received yes no APPROVED/CONDITIONAL (Circle one)
 WI-1 Description same as application-yes no Remarks

Disapproved Returned

Diversion Point
 either SE $\frac{1}{4}$ SW $\frac{1}{4}$ or SW $\frac{1}{4}$ SE $\frac{1}{4}$

20-123-70

Land to be irrigated

WELL LOG Driller SDGS (test hole) Licensed - yes no
 Depth

Remarks

MAP Map No. 4114-3 Map located in Water Right _____ Map file ✓
Type of Map drawn Prepared by Holms & Assoc.
Consulting Land Surveyors

+++++

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

July 9, 1982

Senay Young
(Signed)

+++++

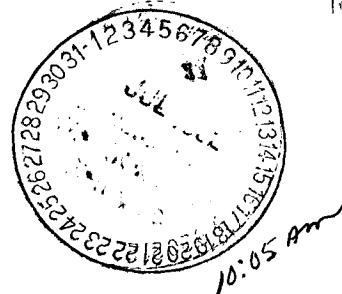
PROTESTS Letters Petitions in File - yes ✓ no _____ Remarks Letter from
Roman Schipke concerning protection of his rights
and water supply

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 was
DECISIONS adopted _____
ETC. Remarks _____

No. 4914-3

Map No. 4114-3 Water Division No. JAMES RIVER District

Above for Office Use 10160007



APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

Check one of the following:

New ☒ Vested Right _____ Future Use _____

Change in Diversion _____ Additional Diversion _____

Change in Acreage _____ Additional Acreage _____

1. Name of Applicant City of Roscoe, Roscoe, SD Phone No. 605-287-4400
 Post Office Address P.O. Box 95 Roscoe SD 57471
 (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) Contract

3. Name of diversion work _____

4. Amount of water claimed (cubic feet per second) 2.0 c.f.s.

5. Source of water supply Ground Water (one well) by

6. Location of point of diversion South 1/2 of Section 20, T123N, R70W, Edmunds County, SD

Tentative Locations: CDC ; CDD, DCC

County _____

7. Annual period or periods during which water is to be used continuous

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

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

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.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 15 years. Additional time required to complete application of water to the proposed beneficial use 4 years.

11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Roscoe-Hosmer Independent Ipswich, SD

12. Principal Features of the Proposed Water Supply System. (Wednesday Publishing Date)

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

B. Works proposed to transport water to place of use. TRANSMISSION LINE TO CITY DISTRIBUTION SYSTEM

C. Works proposed to apply water to beneficial use.

Estimated Total Cost \$ 102,376.00

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)
)ss.
 County of Edmunds)

I, Leland Treichel 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 X Leland Treichel
 17th day of July, 1982
 Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Board of Water Management hereby approves Water Right Application No. 4914-3

City of Roscoe

Box 95

(Applicant)

(Post Office Address)

South Dakota 57471

(State)

With the following qualifications.

The well approved under this Permit is located near domestic wells which may obtain water from the same aquifer. The well owner under this Permit, shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells.

Date of first receipt of application July 8, 19 82
Date of return to applicant for correction, amendments or changes required , 19
Date of receipt of corrected application July 13, 19 82
Approved July 28, 19 82, Recorded in Book Page

WATER RIGHT PERMIT NO. 4914-3

The Board of Water Management hereby grants and issues this Water Right Permit No. 4914-3 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 July 8, 19 82
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before January 28, 19 85
3. The whole of said work is to be completed on or before July 28, 19 87
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is July 28, 19 91
5. The water appropriated shall be used for the purpose of municipal use

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 2.00 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 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~~ used for municipal purposes
/for irrigation on or before July 28, 19 91; said water to be used during the following described annual period: continuously

Witness my hand this 3rd day of August, 19 82

THE BOARD OF WATER MANAGEMENT

By: John Hatch
Chief Engineer, Water Rights

Certificate of Construction Issued , 19

Water License Issued , 19

SOUTH DAKOTA GEOLOGICAL SURVEY

Location 123-70-20-CDDC

Location SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section: 20 T. 123 N. R. 70 W.

Test Hole: R2-B2-29 Well: RCE-E2-9 Land Owner:

County: EDMUNDS Date: 27 MAY 1982 Elevation: 1790 (TOPO)

E-Log: RES., GAM. Samples: YES Drilling Company: SDGS.

Project: ROSCOE CITY STUDY Geologist: S. GREEN

Rotary: ☒ Auger: Driller: M. JARRETT / M. THOMPSON

Thickness	Lithologic Description	From - to Feet
	Clay, light-brown, silty, sandy, pebbly (Till)	0-16
	Clay, gray, silty, sandy, pebbly (Till)	16-68
	Gravel, fine to medium	68-69
	Clay, gray, silty, sandy, pebbly (Till)	69-102
	Clay, gray, sandy, very gravelly (Till)	102-106
	Clay, gray, sandy, gravelly (Till)	106-220
	Sand and Gravel, medium to coarse sand and fine gravel; some coal	220-226
	Clay, gray, sandy, pebbly, gravelly (Till)	226-314
	Gravel, very coarse	314-318
	Clay, gray, sandy, pebbly, gravelly (Till)	318-346
	Boulder	346-347
	Clay, gray, sandy, pebbly, gravelly (Till)	347-360
	Boulder	360-361
	Clay, gray, sandy, pebbly, gravelly (Till)	361-367
	Gravel, fine to very coarse	367-426
	Boulder; only a few inches of penetration	426-427
	OBSERVATION WELL: 400' 2" PVC	
	10' SANDPOINT	

PRELIMINARY
704

6160

Water Level Information:
 Static water level 22.5' below land surface
 If flowing: closed in pressure PSI
 rate of flow GPM
 Controlled by:
 ☒ Valve ☐ Reducers ☐ Other
 If other; specify

Well Test Data:

☒ Pumped _____

☒ Bailed Describe: _____

☒ Other _____

Pumping Level Below Land Surface

27.63 ft. After	27.5 Hrs. pumped	305	GPM
" "	" "	_____	"
" "	" "	_____	"

[illegible]

Date Completed: 10-28-82

Driller:	L.T.P. Enterprises, Inc.	381
	<u>Driller's or Firm's Name</u>	<u>License NO.</u>
	Box 2111 Fargo, N.D.	
	<u>Address</u>	
	Randy Fulkrebek	12-6-82
	<u>Signed By</u>	<u>Date</u>

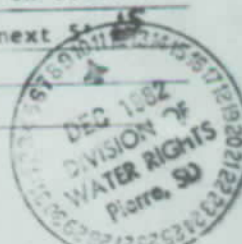


Box 2131
FARGO, N. DAK. 58102

Phone (701) 232-8928



Work done by Fargo office Job No. S7555CA Commitment date _____ Call taken by BID
Owner City of Roscoe Telephone (605) 225-1212 Date _____
City Roscoe County Edmunds State South Dakota
Well No. L.T.P. #1 Location S $\frac{1}{2}$ of Sec 20, T 123N, R 70W
Well diameter 8" Well depth 409' Year Constructed 1982 Did we drill Yes
Screen Diameter 8" Tele. Screen Length 30.9 Screen Material S.S. Screen Slot See below Reader _____
Static Level 22.5' Pumping Level 27.63 G.P.M. Tested 305 With what? Test Pump
Specific yield 59.45 G.P.M. per foot of D.D. after 27.5 hours of pumping _____
Type of well Filter well Naturally developed X Filter Sand Size _____
Additional information pertaining to well Screen has lead packer on top and 2" washdown on bottom.
Top 5' of screen is tightwind, next 5' is 15 slot, next 5' is 30 slot, next 5' is 60 slot, last 10' is 100 slot.
Driller Don H. Hejmanek Date completed 10-28-82



PUMP AND SYSTEM DATA

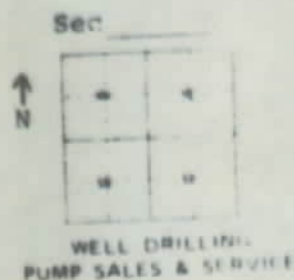
Type of Pump Turbine Submersible X Make Berkeley Model 6S2AM-6 Pump Serial No. 8221566
Size Motor 20 HP Voltage 230 V Phase 3 ϕ Motor Serial No. _____
Type of Column? Turbine Submersible X Length of Column 147' Size of Column 4" Material Black Steel
Size of Line Shaft _____ Material of Shaft _____ Replacement No. of line shaft bearings _____
What type of System? Pressure X Elevated Tank _____ Pitless Unit Monitor
Size Pitless Unit 8" x 10" Bury depth of Pitless Unit 6' Land pump setting from intake 158' from G.L.
Air line length 155' to fittings. Size 1" Material Plastic
Amperage under operating conditions Line 1 _____ Line 2 _____ Line 3 _____
Additional information pertaining to pump and system Submersible cable is 4-3, 4" line check installed directly above pump.

Date installed 11-5-82 By Company L.T.P. Enterprises, Inc. Operator Floyd Triggers



Box 2131
FARGO, N. DAK. 58102

Phone (701) 232 6928
DRILLERS LOG

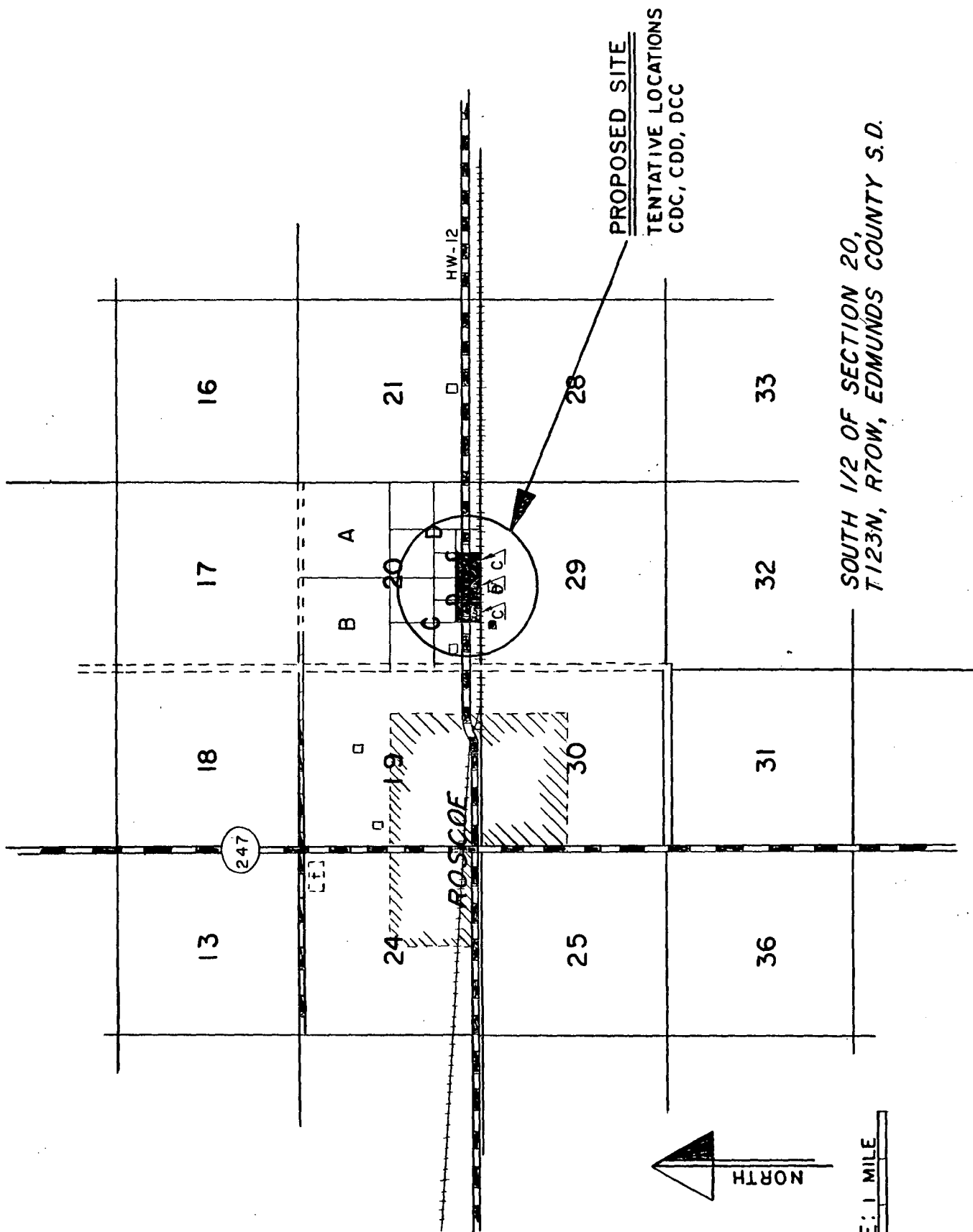


Drilled for City of Roscoe, SD by North Dakota
Location of property 1 mile East of city 123 N - 70 W - 20
Test hole No 1 Location of test hole 200' N of highway Well No. 1
Size of test hole 6 3/4 Date started 10-12-82 Date completed 10-13-82 Total Hours 15 3/4

FORMATIONS DRILLED

TYPE OF FORMATION	COLOR OF FORMATION	STARTED AT WHAT DEPT	ENDED AT WHAT DEPT	THICKNESS OF FORMATION
Soft silty clay	brown	G.L.	27	27
Sandy clay	blue	27	103	76
Hard sandy clay	blue	103	123	20
Sandy clay (gravelly)	blue	123	238 1/2	115 1/2
Rock	gray	238 1/2	239 1/2	1
Sandy clay	blue	139 1/2	254	14 1/2
Sandy clay w/small lenses of gravel	blue	254	257	3
Sandy clay	blue	257	309	52
Rock hard	gray	309	310	1
Sandy clay	blue	310	313	3
Lenses of gravel & clay	colored/blue	313	323	10
Sandy clay	blue	323	333	10
Rock	gray	333	333 1/2	1/2
Sandy clay	blue	333 1/2	348	15 1/2
Very sandy clay	blue	348	364	16
Fine sand no sample	blue	364	374	10
Sand 18	blue	374	384	10
Sand & gravel +25	colored	384	389	5
Gravel +35	colored	389	409	20
Lenses of sand & gravel dirty	colored	409	424	15

Signed Don L. Heitmanek Driller



PROPOSED SITE
TENTATIVE LOCATIONS
CDC, CDD, DCC

SOUTH 1/2 OF SECTION 20,
T123N, R70W, EDMUNDS COUNTY S.D.



SCALE: 1 MILE

PROPOSED WELL SITE
ROSCOE S.D.

DATE 7/12/82

DW CDH

~~Map # 4914-3~~ Rppl # 4914-3
HELMS & ASSOC.
CONSULTING ENG., LAND SURVEYORS

EASEMENT

MYRON P. LEHR and DELORIS LEHR, husband and wife, of R.F.D., Roscoe, Edmunds County, South Dakota, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration hereinafter recited, do hereby grant and give and transfer unto the CITY OF ROSCOE, SOUTH DAKOTA, a municipal corporation of the State of South Dakota, an easement for forty (40) years from date of execution hereof for the following terms, conditions, circumstances, rights, privileges and grants hereunto applying and pertaining:

Grantors give to the said CITY OF ROSCOE an easement for the period mentioned to locate and construct, install and lay, and thereafter use, operate, inspect, repair, maintain, replace, and remove wells, water pipes, connections, valves and all other devices used in connection with the operation of the Roscoe well system and pipeline, over, across and through the land of the grantors.

The grantors give to the said CITY OF ROSCOE an easement for the period stated herein constituting an area 200 feet by 200 feet, north of U.S. Highway #12 and approximately in the southwest corner of the Southeast Quarter of Section 20, Township 123 North, Range 70 West, Edmunds County, South Dakota. In addition, grantors grant, give, transfer and prescribe unto the City of Roscoe, South Dakota, a thirty foot (30') easement along, near or at the property adjoining immediately north of U.S. Highway #12 in Section 20, Township 123, Range 70 West, Edmunds County, South Dakota, for the purpose of placement of a water pipeline and related appurtenances. In addition, the parties agree that the CITY OF ROSCOE shall have an option to renew the Easement contained herein for an additional forty (40) year term, provided that the consideration given is mutually satisfactory at the time of such renewal to grantors or their successors or assigns and to the CITY OF ROSCOE.

As further consideration for this agreement the grantees agree to provide water to grantors, or their successors or assigns, through a single connection point which shall include a 3/4 inch meter assembly, tap, curb stop, and related devices without a flow restriction device along the pipeline route for the purposes of livestock, household, lawn and garden uses of the grantors without any obligation on the part of the grantors and used only on the South Half of Section 20, Township 123 North, Range 70 West, Edmunds County, South Dakota. Provided further, the CITY will provide, install and maintain all equipment necessary to provide water to the grantors up to the water user connection point at the curb stop within the frost pit while said water supply system is in operation. Grantors will comply with

Publish first publication, on or before **July 14, 1982**

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

July 9, 1982

Notice is hereby given the City of Roscoe ~~whose post office~~

~~XXXXXX~~, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9; 46-1-12 thru 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, 46-5-25, 46-5-41 ~~(ground)~~ 46-6-3 thru 46-6-5, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, ~~(future use) 46-5-38, (transfer lands) 46-5-33 thru 46-5-35 and Board Rules ARSD~~ 74:02:01:01 thru 74:02:01:15, ~~(future use) 74:02:01:23 thru 74:02:01:26 (10,000 Acre)~~ ~~74:02:07:01 thru 74:02:07:03~~, for a permit to appropriate for beneficial use

2.00 cubic feet of water per second of time from ground water (one well)
through the City well, the point ~~xxx~~ of diversion which
is ~~(xxx)~~ to be located in ~~xxx~~ either the SE $\frac{1}{4}$ SW $\frac{1}{4}$ or the SW $\frac{1}{4}$ SE $\frac{1}{4}$

of Section 20, Twp. 123N, Range 70W. Said water to be used for purpose of providing ~~irrigation on portions of the lands described and~~
municipal water supplies.

This Application No. 4914-3 will be considered by the Water Management Board at
SD
the Civil Defense Room, State Capitol Bldg., Pierre/ upon the 20th day of July, 1982 .

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 Circuit Court and the State Supreme Court as provided by law.

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

For the Water Management Board

GENNY YOUNG

~~XXXXXXXXXXXXXXXXXXXX~~ Water Rights Specialist

cc: applicant

WNR-806-2/82

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA)

) ss

County of Edmunds)

J.A. Morlock of said County and State, being first duly sworn on his oath says: Roscoe-Hosmer Independent is a weekly newspaper in general circulation, printed and published in Ipswich, in said County and State by the Morlock Publishing and Printing Company; and has been such newspaper during the times hereinafter mentioned; that said newspaper now has, and has had during the publication of the attached advertisement, a bonafide circulation of at least 200 copies weekly, and has been published within the said County of Edmunds fifty-two successive weeks prior to the publication of said attached advertisement, and was during the publications of said advertisement, and now is, printed in whole or in part, in an office maintained at said place of publication. That said newspaper is and has been during the publication of attached advertisement, a legal newspaper, as defined by the laws of the state of South Dakota.

That I, J.A. Morlock, the undersigned, am
Publisher

of said newspaper and am in charge of the advertising

thereof and have personal knowledge of all the facts stated in this affidavit and

that the advertisement headed Notice of Hearing

a printed copy of which hereto attached, was printed and published in the said
newspaper for two successive issues.

The First publication being made on the 14 day of July, 1982

The Second publication being made on the 21 day of July, 1982

The Third publication being made on the day of , 19

The Fourth publication being made on the day of , 19

The Fifth publication being made on the day of , 19

The Sixth publication being made on the day of , 19

The Seventh publication being made on the day of , 19

The Eighth publication being made on the day of , 19

The Ninth publication being made on the day of , 19

The Tenth publication being made on the day of , 19

That the full amount of the fee charged for publication of said annexed notice inures to the benefit of the publisher of the Roscoe-Hosmer Independent; that no agreement or understanding for the division of the fee thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever.

The charges for said legal publications are twenty-two

Dollars and three cents (\$22.03)

Subscribed and sworn to before me this 21 day of July, 1982

Notary Public Edmunds County, South Dakota.



PUBLIC NOTICE

NOTICE OF HEARING ON APPLICATION TO APPROPRIATE WATER

Notice is hereby given the City of Roscoe, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9; 46-1-12 thru 46-1-14; 46-2-9 thru 46-2-11, 46-2-12; 46-5-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-25, 46-5-41, 46-6-3 thru 46-6-5, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, and Board Rules ARSD 74:02:01:01 thru 74:02:01:15, for a permit to appropriate for beneficial use 2.00 cubic feet of water per second of time from ground water (one well) through the City well, the point of diversion which is to be located in either the SE 1/4 or the SW 1/4 SE 1/4 of Section 20, Twp. 123N, Range 70W. Said water to be used for purpose of municipal supplies.

This application No. 4923 will be considered by the Water Management Board at the Civil Defense Room, State Capitol Bldg., Pierre, S.D. upon the 28th day of July, 1982 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 Circuit Court and the State Supreme Court 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.

For the Water Management Board,
Genny Young,
Water Rights Specialist

I-41-42

July 25 1982
Rooseau, Dak

Water Management Board
Pierre, S.D.

Dear Sir,

In the Notice of Hearing
on application to Appropriate Water
for City of Roseau, Dak.
Being on the Bryant Township
29 + 123 - 70 which is across
or lays next to 20 - 123 - 70
and also is in same aquifer
in which I have two producing
wells - one that was made
in 1962 by Rohrbach Bros. of
Roseau and the other was
made in 1979 by Elmer Sidel
of Aberdeen. The flow of water is
good, water table is high. In
order to protect my water, well
or rights - my wells are put in
ahead of theirs and should their
well affect mine - that I would
have the right that City of Roseau
well would have to be curtailed
that my wells would produce
and not create a hardship.



Ronald Schippe
Roseau, Dak
57471



HELMS and ASSOCIATES

CONSULTING ENGINEERS • LAND SURVEYORS

S P N

A DIVISION OF
SCHMUCKER, PAUL, NOHR and ASSOC.

BOX 111

• ABERDEEN, S. D. 57401
• BERKSHIRE PLAZA

PHONE (605) 225-1212

405 8th AVENUE N. W.



May 17, 1984

Mr. John Hatch
Division of Water Rights
S.D. DWNR
Joe Foss Building
Pierre, SD 57501

Re: Roscoe, SD
Permit # 4914-3

Dear Mr. Hatch:

The above referenced permit was approved on July 28, 1982 with the following point of diversion shown: South 1/2 of Section 20, T123N, R70W, Edmunds County, SD. Tentative Locations CDC, CDD, DCC.

The well was drilled in DCC.

On behalf of the City of Roscoe and the landowner, Mr. Pat Lehr, I request that the tentative locations CDC and CDD be removed from the permit. It was the agreement between Mr. Lehr and the City of Roscoe that the two unused ten acre sites would be removed from the permit upon completion of the well. All parties involved appreciate your earliest possible attention to this request. Please notify the City and Mr. Lehr of the action taken.

If you have any questions please contact this office.

Very truly yours,

Terry D. Helms

CC: Leland Treichel, Mayor
Pat Lehr

TDH/ddh



Department of Water & Natural Resources

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

Water Rights Division
605 773-3352

May 21, 1984

Helms & Associates
ATTN: Terry Helms
Box 11
Aberdeen SD 57401

Mr. Helms:

I am in receipt of your letter concerning Permit No. 4914-3 for the City of Roscoe. This letter will confirm completion of the well located in DCC Section 20, T123N, R70W. We will schedule a final inspection to be completed this summer. After which a license will be issued. If you have any further questions, please contact this office.

Thank you,

KEVIN C LARSON
Water Resources Engineer

KCL:ks

cc: Leland Treichel, Mayor
City of Roscoe

Equal Opportunity Employer

CITY OF ROSCOE

Box 95
South Dakota 57471

OFFICE OF THE FINANCE OFFICER

TELEPHONE 605/287-4400

Oct 11, 1988

RECEIVED
OCT 11 1988

S. D. Dept. of Water &
Natural Resources
Office of Drinking Water
Foss Building, Room 221
Pierre, SD 57501

SOUDAN DEPARTMENT OF
WATER AND NATURAL RESOURCES
OFFICE OF DRINKING WATER

Dear Mr. Busch:

This letter is in reply to your recommendations on the "Routine Sanitary Survey of Roscoe Municipal Water Supply System", dated Sept. 23.

1. The City of Roscoe and the Roscoe Fire Dept. have a written agreement allowing the City to use the Fire Departments self-contained breathing apparatus.
2. Reagents for the test kits have been purchased.
3. Our waterworks operator will be attending a "Water Distribution System" course on Oct. 26 & 27. We will continue to send him to training courses.
4. The FY '89 contract sent out by the State Health Lab has been signed and sent back.
5. Please send us any information you have available on plugging abandon wells. From what we were told it is quite costly and special equipment is needed to plug abandon wells. We do not have the resources available to do the job at this time. Our wells are each approximately 1500 feet deep.

Sincerely,


Leland Treichel
Mayor



Department of Water & Natural Resources

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

October 14, 1988

Leland Treichel, Mayor
City of Roscoe
Box 95
Roscoe SD 57471

RE: Request to Darron Busch for Well Plugging Information

Dear Mr. Treichel:

Mr. Busch has forwarded your request for information on well plugging to this office.

Enclosed please find "Well Construction Standards State of South Dakota". The applicable sections for plugging wells are found on page 25.

If your wells are never to be used again they must be plugged. Any of the well drillers in your area have the equipment to plug a well. The cost will vary according to the type of well and age of the well.

If you have any questions, please contact this office.

Sincerely,

GALE N SELKEN, P.E.
Hydrologist III
605 773-3352

enclosure



Permit No. 4914-3

Water District: James River

REPORT OF EXAMINATION OF WORKS AND/OR APPLICATION OF WATER TO BENEFICIAL USE

I have this day made a thorough examination of the water use system constructed by the City of Roscoe, P.O. Box 95, Roscoe, SD 57471 holder of Permit No. 4914-3, bearing the priority of July 8, 1982 authorizing the diversion of 2.0 cu. ft. per second of the waters of the Grand Aquifer for municipal purposes in Edmunds County.

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

- A. Works used to divert the water:
One well 409' deep with a Berkeley pump, model 6S2AM-6 with a capacity of 225 GPM and a Berkeley electric motor rated at 20 HP.
- B. Works used to transport water to place of use:
City of Roscoe water distribution system.
- C. Works used to apply water to beneficial use:
City of Roscoe water distribution system.

The system is in the following condition good.

The point of diversion is located as follows:

247' E and 82' N of the S1/4 corner of Section 20, T123N R70W.

The works are capable of diverting and conveying to the place of use 0.50 cu. ft. per second of water which is to be used for municipal water supply.

Water has been put to beneficial use to the maximum extent as follows:

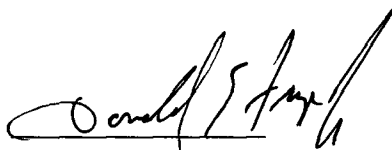
Provides potable water to the citizens of Roscoe SD.

The license should be issued for 0.50 cfs.

Applicable permit qualifications have been complied with Yes ☒ No

Exceptions to compliance are: none

Date of inspection: 7/30/91



DONALD E. FRYE, JR.
Natural Resources Analyst
DENR, Water Rights Division

LICENSE FOR PERMIT NUMBER 4914-3

1. Legal location of wells: SW¹/₄ SE¹/₄ Section 20, T123N, R70W

dams & structures: _____

2. Well Information: Well Drilling Firm L.T.P. ENTERPRISES INC

Completion Report Yes ☒ No _____ No. of Wells 1 Depth 409'

Casing a) diameter 8" Screen a) type 8" TELESCOPING S.S.

b) length 379' b) length 30'9"

c) type BLACK STEEL Static Water Level 22'6"

Pump a) make BERKELEY Motor a) make BERKELEY

b) model 6S2 AM-6 b) model No. _____

c) size _____ c) horsepower rating 20

d) capacity 225 gpm

e) turbine pump - no. of stages _____

f) operating PSI _____

3. Distribution lines or canals

a) size _____

b) type _____

c) length _____

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 _____
- 2) number of towers _____
- 3) distance between towers _____
- 4) overall length _____
- 5) end gun (Y/N) _____
- 6) high or low pressure _____
- 7) make & size of nozzles _____
- 8) capacity (GPM) _____

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 4362-3

Yes No Check Items

- | | | |
|-----|-----|---|
| --- | N/A | 1. Soil and water permit lands agree with lands being irrigated and lands listed on permit? |
| ✓ | --- | 2. Special qualifications to permit being abided by? |
| ✓ | --- | 3. All structures, wells and lands on map? |
| --- | N/A | 4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period? |
| --- | ✓ | 5. Is chemigation used? |
| --- | N/A | 6. If yes, does equipment comply with chemigation rules? |

REMARKS:

4914-3

NOT TO SCALE

123-70

1514
T737

156 R
H-11

20

67.2

Prepared by:
Don Frye
Natural Resources Analyst
DENR
Division of Water Rights
8/07/91

123-70

295' Well

Conversation or File Documentation

NAME OF PERSON OR FILE: City of Roscoe
ADDRESS: Box 95, Roscoe, SD 57471 COUNTY Edmunds
DATE: 7/30/91 TELEPHONE 281-4400
RE: Inspection of permit 4914-3

COMMENTS:

Talked with Jim Fonder, a maintenance worker for the city of Roscoe, and he told me the pump/motor were pumping at 225 GPM maximum. I told him the license would be issued for what was actually being used. (150 CFS)

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Don Frye



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

GREAT FACES. GREAT PLACES.

August 14, 1991

4914-3

Verne Reidt, Mayor
City of Roscoe
PO Box 95
Roscoe, SD 57471-0095

Dear Mayor Reidt:

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. 4914-3, 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,

A handwritten signature in cursive script that reads "Genny McMath".

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

492624

Pierre, _____ September 5 _____, 19 91

RECEIVED OF City of Roscoe, P.O. Box 95, Roscoe, SD 57471-0095

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. <u>4914-3</u>	50	00
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	

By John Hatch (F)
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

SEP 16 1991

4914-3

City of Roscoe
P.O. Box 95
Roscoe, SD 57471-0095

Dear Sirs:

Enclosed is Water License No. 4914-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 412824 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. 4914-3, 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

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4914-3

(1) The City of Roscoe of P.O. Box 95, Roscoe, SD 57471-0095 made Application No. 4914-3, July 8, 1982 for a water permit to appropriate 2.00 cubic feet of water per second from groundwater (one well), Edmunds County, South Dakota for municipal purposes. Permit No. 4914-3 with a priority date of July 8, 1982 was approved July 28, 1982 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before July 28, 1987 and for the application to beneficial use of said water on or before July 28, 1991.

(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 0.50 cubic feet of water per second for beneficial use. The location of the diversion point is: 247'E and 82'N of the S 1/4 corner of Section 20, T123N, R70W (SW 1/4 SE 1/4).

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

(4) Pursuant to Section 46-5-30.1 the City of Roscoe of P.O. Box 95, Roscoe, SD 57471-0095 the holder(s) and/or owner(s) of Water Permit No. 4914-3 is issued a license to appropriate water, the right to use 0.50 cubic feet of water per second from groundwater (one well) with a priority date of July 8, 1982 from the location specified in (2) of this license. The water is diverted through the city's distribution system for municipal purposes. This license is subject to any limitations or qualifications listed in Water Permit No. 4914-3 and subject to South Dakota State Law.

 SEP 16 1991
JOHN HATCH, Chief Engineer
Water Rights Division
Department of Environment and
Natural Resources

Water Rights Program - File Documentation

NAME: City of Roscoe – Opal Himmerich, Finance Officer

ADDRESS: PO Box 95, Roscoe SD 57471-0095

DATE: 3-9-2001 **COUNTY:** ED **TELEPHONE:** 605 287-4400

RE: Cancellation of Water Right No. 4302-3

COMMENTS:

I called Opal Himmerich regarding her comments on the 2000 Water Use Questionnaire which indicated that Water Right No. 4302-3 could be cancelled for non-use. As stated on the form, one well was plugged and the other well had the pump pulled and the land has been sold.

Ms. Himmerich stated the city utilizes the well authorized by Water Right No. 4914-3 located in Section 20-T123N-R79W located just east of Roscoe. They mix the well water with WEB water for their use.

I indicated to Ms. Himmerich that based on this information, Water Right No. 4302-3 would be scheduled for cancellation. They would be notified of the time, date and place of the hearing once it was scheduled.

Karen Schlaak
Karen Schlaak
Environmental Scientist