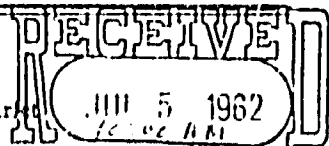


9963

1. Considered 9-19, 1902
2. Name of Applicant CITY OF SALEM
3. Post Office Address _____
4. Amount of water claimed 1.24 .62 V/R
5. Source of water supply Ground water
6. Water to be used for irrigation
7. Acres to be irrigated _____
7. Water to be diverted and used in 7th Dist. County
_____ miles _____ of City Limits
8. Proof of Publication Received ✓
Not Received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

No. 996-3
 Water Division No. 3 VERMILLION RIVER District
 (Blanks to be Filled by the Engineer for the W. R. C.)



STATE WATER RESOURCES COMM.
 PIERRE, SOUTH DAKOTA

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

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

1. Name of applicant CITY OF SALEM
 Postoffice address SALEM, County McCook, State S. DAK.

- I. If a corporation
- (a) Name of same CITY OF SALEM
 - (b) Date and place of incorporation
 - (c) Amount of capital stock
 - (d) Amount paid in
 - (e) Names and addresses of directors

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

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

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

WELL No. 1 COMPLETED - CONTRACT FOR WELL No. 2

- (b) Cash on hand, \$ 11,200.00
- (c) Treasury stock, \$
- (d) Bonds to be issued, \$
- (e) Other resources, \$

2. Name of diversion work WELL No. 1 AND WELL No. 2
WELL No. 1-VESTED .62
3. Amount of water claimed WELL No. 2-PROPOSED, 62 cubic feet per second OR TOTAL OF 1.24 CU. FT/SEC.
4. Source of water supply WELLS IN SOFT SANDSTONE
WELL No. 1- 1507'S& 511.0'E OF NW COR. SEC. 13-103-55
WELL No. 2- 1380'S& 522.0'E OF NW COR. SEC. 13-103-55
5. Location of point of diversion WELL No. 2- 1380'S& 522.0'E OF NW COR. SEC. 13-103-55

on bank County.

6. Annual period or periods during which water is to be used CONTINUOUSLY 12 MONTHS PER YEAR.

7. To be used for:

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

(a) Number of acres to be irrigated NONE acres.

(b) Legal subdivisions to be irrigated NONE

(NOTE—A list of lands to be irrigated, giving each subdivision and fraction with acreage thereof, should be written here, or may be appended as a part of this application. Same must also be shown on accompanying map.)

(c) Statement as to domestic use (giving location, etc.) MUNICIPAL WATER SUPPLY

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

(a) Nature of use FIRE PROTECTION

Name any of the above uses claimed

(b) Amount of power to be generated NONE horse power.

Amount claimed for engine cooling NONE

(c) Location of plant NONE

(d) Method of developing power

(e) Point where water will be returned to stream

MAP No 640-3

8. Estimated cost of work:

(a) Head Gates, \$----- (b) Pumping plant, \$-----
 (c) Fluming, \$----- (d) Canal-earth, \$----- Rock, \$-----
 (e) Other structures ----- \$----- Total, \$-----

9. Description of diversion works:

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

WELLS, WATER TREATMENT PLANT, ELEVATED STORAGE & WATER DISTRIBUTION SYSTEM.

II. Dimensions of works.

(a) Dam: Height ----- feet; length at bottom ----- feet; length at top ----- feet; thickness at bottom ----- feet; thickness at top ----- feet; slope at front water face -----; slope at back face -----
 material used in construction -----
 (b) Reservoir: Capacity when filled ----- acre feet. Surface area at highwater mark ----- acres.

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

(c)* Head gate: Width ----- feet; height ----- feet;
 Material -----
 (d) Canal: Total length ----- miles.

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

(Give dimensions where reductions in size are made.)

10. Time required for completion of work ----- $\frac{1}{2}$ ----- years.
 11. Time required for complete application of water to the proposed beneficial use ----- $\frac{1}{2}$ ----- years.
 12. Choice of newspaper for publication of notice of intention to appropriate SALEM SPECIAL

STATE OF SOUTH DAKOTA }
 County of McCook } ss.

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

Signed George Koehler

Subscribed and sworn to before me this 2nd day of July 1966

James H. Smith
 Notary Public (or other qualified officer.)



CITY
OF
SALEM
McCOOK COUNTY
SOUTH DAKOTA

SURVEYORS CERTIFICATE

I, D.V. SCHMITZ, REGISTERED LAND SURVEYOR OF THE STATE OF SOUTH DAKOTA, DO HEREBY CERTIFY THAT I HAVE, ON AND BEFORE MAY 21, 1962 MAPPED THE AREA AS SHOWN ABOVE FOR THE PURPOSE OF WATER APPROPRIATION.
DATED THIS 21ST DAY OF MAY, 1962.

D.V. Schmitz
D.V. SCHMITZ, REG. LAND SURVEYOR.

STATE OF SOUTH DAKOTA
COUNTY OF MINNEHAHA

ON THIS 21ST DAY OF MAY, 1962, BEFORE ME THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, APPEARED D.V. SCHMITZ, WELL KNOWN TO ME TO BE THE PERSON DESCRIBED ABOVE AND WHO ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING CERTIFICATE.

MY COMMISSION EXPIRES:
My Commission Expires July 1, 1968

Notary Public
NOTARY PUBLIC, SOUTH DAKOTA

WELL No. 1- LOCATED 1507' S. AND 511' E. OF THE N.W. CORNER OF SECTION 13, T103N, R55W.

WELL No. 2- LOCATED 1380' S. AND 522' E. OF THE N.W. CORNER OF SECTION 13, T103N, R55W.

MAP N° 640-3
(APPL N° 996-3)

Remarks by State Water Resources Commission:

PARTIAL "VESTED RIGHT"

STATE OF SOUTH DAKOTA
County of HUGHES } ss.

Pierre, South Dakota, SEPTEMBER 21, 1962

This is to certify that the foregoing application was received by the Commission at 10:00 o'clock
a.m. upon the 5TH day of JULY, 1962

State Water Resources Commission

By: Burton J. [Signature]

Chief Engineer, Executive Officer

Number of permit 996-3

Date of first receipt of application JULY 5, 1962

Date of return to applicant for correction, amendments or changes required as follows: JULY 5, 1962

Date of receipt of corrected application JULY 28, 1962

Date from which applicant may claim right .62 FROM 1934, 1962

Approved SEPTEMBER 1, 1962, Recorded in Book 7 Page 178

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

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

DECEMBER 19, 1962

2nd. The whole of said work is to be completed on or before MARCH 19, 1963

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

SEPTEMBER 19, 1963

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

5th. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

6th. The amount of the appropriation herein granted shall not exceed 1.74 cubic feet per second; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry; and further, said appropriation must be limited to not more than one ~~cubic foot of water per second of time for each acre of land to which water is actually~~

USED FOR MUNICIPAL PURPOSES

and beneficially applied for irrigation on or before SEPTEMBER 19, 1963; said water to be used during the following described annual period:

CONTINUOUSLY

Witness my hand this 21ST day of SEPTEMBER, 1962

State Water Resources Commission

By: [Signature]

Chief Engineer, Executive Officer

Certificate of Construction Issued SEPTEMBER 5, 1963

Water License Issued SEPTEMBER 5, 1963

WELL NO. 1 (VESTED)

D. (Continued) COMPLETED AND PLACED IN SERVICE JAN. 1961

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 12" , Depth 226

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

Size of casing 12" , Thickness of casing 0.375"

Length of casing 211 , If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen JOHNSON - STAINLESS

Size of perforated screen 8" NOMINAL (diameter) , 15' (length)

Thickness of gravel pack 2" , length of gravel pack 15'

(c) Water Bearing Materials

Distance to water 97' , Character of water bearing materials

SOFT SANDSTONE

Thickness of water bearing material 20'

(d) Pump and Motor

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

Name of pump FAIRBANKS MORSE , size 8"

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

Horsepower 15 H.P. , Name of Motor FAIRBANKS MORSE

(e) Complete well

Capacity 280 GPM at drawdown of 28' , Estimated cost \$16,000

(f) Owner of land upon which well is located CITY OF SALEM
Name

SALEM, S. DAK. Address

(g) Distance to nearest existing wells

On same owner's property x rods. On property owned by others 200 rods

WELL NO. 2 (PROPOSED)

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 12" Depth 225+

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

Size of casing 12" Thickness of casing 0.375"

Length of casing 210+ If collection gallery, length, size and depth of
gallery

(b) Screens

Type of perforated screen JOHNSON - STAINLESS

Size of perforated screen 8" NOMINAL 15'+
(diameter) (length)

Thickness of gravel pack 2" length of gravel pack 15'+

(c) Water Bearing Materials

Distance to water 97' Character of water bearing materials

SOFT SANDSTONE

Thickness of water bearing material 20'+

(d) Pump and Motor - EXISTING PUMP AND MOTOR TO BE USED UNTIL LATER DATE.

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

Name of pump FAIRBANKS MORSE size 6"

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

Horsepower 10 H.P. Name of Motor FAIRBANKS MORSE

(e) Complete well

Capacity 260 GPM at drawdown of 28' Estimated cost \$8,600 (WELL ONLY)

(f) Owner of land upon which well is located CITY OF SALEM

Name

SALEM, S. DAK. Address

(g) Distance to nearest existing wells

On same owner's property 10 rods. On property owned by others 200 rods

STATE OF SOUTH DAKOTA

WATER LICENSE No. 996-3

WHEREAS, On the 5th day of July A. D. 1962
the City of Salem

of _____ County of McCook and State of
South Dakota duly made application (No. 996-3) to us for a permit to use 1.24
cubic feet per second of the waters of ground water
County of McCook, State of South Dakota, for municipal
purposes; and

WHEREAS, On the 21st day of September A. D. 1962
Permit No. 996-3 was issued to said applicant for the diversion of said water, and providing for the
completion of the works of diversion therein described on or before the 19th day of
March A. D. 1963 and for the application to beneficial use of said
water on or before the 19th day of September A. D. 1963
and,

WHEREAS, On the 8th day of August A. D. 1963
the holder of said permit duly made proof of the completion of adequate works for the diversion of 1.00
cubic feet per second of said waters, as evidenced by our Certificate No. 996-3
dated September 5, 1963 confirming the completion of works of sufficient capacity for
diverting and conveying to the place of intended use 1.00 cubic feet per second of water, with date of
priority of 1934 and July 5, 1962 and,

WHEREAS, On the 8th day of August A. D. 1963
proof was duly made of the application to beneficial use of 1.00 cubic feet per second of said water;
for municipal use in the City of Salem

Permit No. 996-3Water Division No. 3 Vermillion River
Water District**Certificate of Completion of Works**

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That the City of Salemof McCook, County of McCook, and State of
South Dakotathe holder of Permit No. 996-3, issued upon Application
No. 996-3, bearing date of priority of 1934 and July 5, 1962, authorizing the diversion of
1.24 cu. ft. per second of the waters of ground waterCounty of McCook, State of South Dakota, ~~at~~ Well #1, 1507'S and
511'E, and Well #2, 1330'S and 522'E, both from the NW corner, Section 13, T103N, R55Wfor municipalpurposes, has fully complied with the provisions of the laws of the State of South Dakota relating to proof
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 1.00 cu. ft.per second of water; and that the ~~uses of said water are described as follows:~~
to-wit: to be used for municipal purposes in the City of Salem.Witness my hand this 5th day of September 63
A. D. 19

State Water Resources Commission

By: J. W. GRIMES
Chief Engineer, Executive Officer

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA

County McCook

SS.

Norma M. Waugh being duly sworn, deposes and says the annexed printed copy of Notice

of Intention to Appropriate Water was taken from the _____

Salem Special a newspaper which during the whole time of publication of said notice herein after stated, has been and is printed and published in the city of Salem County of McCook and State of South Dakota; that the said notice was published in said newspaper on the following dates:

Aug. 23, 1962

Aug. 30, 1962

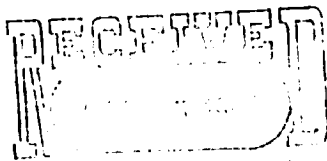
Sept. 6, 1962

Sept. 13, 1962

in each and every issue of the full number thereof, the first publication being made on the 23rd day of Aug. 1962 and the last publication on the 13th day of September 1962, upon which days or times of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he was employee the printer and publisher of the said newspaper.

Norma M. Waugh

Subscribed and sworn to before me this 1st day of September A. D. 1962



STATE WATER RESOURCES COMMISSION
PIERRE, SOUTH DAKOTA

APPROPRIATION OF WATER Office of State Water Resources Commission,

Pierre, So. Dak., July 31, 1962
Notice is hereby given that the City of Salem, S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 1.24 cubic feet of water per second of time from ground water through the City Wells No. 1 and No. 2 with both wells in the SW ¼ of the NW ¼ of Section 13 Twp. 103N Range 55W. Said water to be used for the purpose of providing municipal water supply for the City of Salem.

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 19th day of September, 1962, at 2 p. m. All interested persons may appear and be heard.

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

State Water Resources
Commission

By:
BURTON F. JONES
Water Right Specialist

Aug. 23, 30 and Sept. 6, 13.

Notary Public McCook County, S. D.

on or before
(First Publication) August-23, 19-62

APPROPRIATION OF WATER

Office of State Water Resources Commission,

Pierre, S. Dak., July-31, 19-62

Notice is hereby given that ~~the City of Salem~~ whose postoffice address is ~~xxxxxx~~ S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use ~~1.24~~ cubic feet of water per second of time from the ~~the~~ ~~ground-water~~ through the ~~City Wells #1 and #2~~ ~~with hot wells~~ the point of diversion of which is to be located on the ~~bank of said stream~~ in the ~~SW~~ $\frac{1}{4}$ of the ~~NW~~ $\frac{1}{4}$ of Section ~~13~~ Twp. ~~103N~~ Range ~~65W~~ Said water to be used for the purpose of providing irrigation on the following described land: ~~xxxxxx~~
~~municipal water supply for the City of Salem~~

and for ~~xxxxxx~~

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the ~~19th~~ day of ~~September~~, 19-62, at ~~2~~ P.M. All interested persons may appear and be heard.

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

State Water Resources Commission

By:

cc: D. Waugh - Publisher
Salem Special
Salem, South Dakota

Chief Engineer, Executive Officer
~~xxxxxx~~
BURTON F. JONES
Water Right Specialist

Driller's Notice Of Intent To Construct Well

Water Resources Commission of South Dakota
State Office Building
Pierre, South Dakota

Gentlemen:

In accordance with Section 01.0103 of Chapter 431 of the Session Laws of 1955, Notice of Intent is hereby given to drill the following well.

Person for whom the well is to be drilled:.....City of Salem.....
(Name)

.....Salem, South Dakota.....
(Address)

Owner of land if other than above:
(Name)

.....
(Address)

Location of well $\frac{1}{4}$, N.W. $\frac{1}{4}$, Section ...13....., Township Salem....

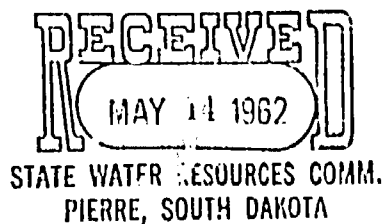
Range 10-3-55.

Proposed use of waterMunicipal.....
(domestic, irrigation, municipal, industrial, other)

Very truly yours,

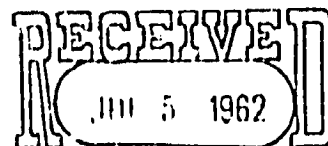
McCarthy Well Company
Box 183
Huron, South Dakota

B: *Don Farby*



Location No.

Water Division No. Water District STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA



Proof of Application of Water to Beneficial Use

PETITION OF HOLDER

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. GEORGE KOETHE, MAYOR OF CITY OF SALEM

SALEM, S. DAK.

Ques. 2. If acting in behalf of a corporation, state its name, principal place of business (if a foreign corporation, give name and postoffice of statutory agent,) your position with reference to same, and your authority for appearing in its behalf.

Ans. CITY OF SALEM, SALEM, S. DAK. - MAYOR

Ques. 3. State date of posting and date of recording notice of appropriation.

Ans.

Ques. 4. State source of water supply and give exact location of point of diversion.

Ans. WELL No. 1 LOCATED 1507'S. & 511' E. OF NW CORNER OF

SECTION 13, T103N. R55W, McCOOK COUNTY, S. DAK.

Ques. 5. Describe your works of diversion giving length and height of each dam and state amount of water they are capable of conveying from point of diversion to place of use, and give name of canal or ditch or other works by which water is conducted to such place of use, and date of completion of same.

Ans. WATER TREATMENT PLANT, ELEVATED STORAGE AND WATER

DISTRIBUTION SYSTEM. 360 GPM PLANT CAPACITY - 1918 TO 1934

Ques. 6. State for what purpose water is used and describe place of use. (If for irrigation, name each subdivision in which used, and number of acres in each subdivision that have ACTUALLY been irrigated with said water.)

Ans. MUNICIPAL WATER SUPPLY

Ques. 7. If for other than irrigation purpose, state how applied, amount of horse power generated, etc.

Ans. MUNICIPAL WATER DISTRIBUTION SYSTEM

Ques. 8. What is the minimum amount of water required for the use specified above?

Ans. 168,000 GALLONS/DAY

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder.

Ans.

Ques. 10. State when, how, in what amount and to what extent, the water diverted under above mentioned permit has been used.

Ans. ----- WELL No. 1 WAS COMPLETED IN JANUARY OF 1961 AND REPLACES AN ABANDONED WELL OF 255 GPM THAT WAS CONSTRUCTED IN 1934. WATER USE FROM WELL NO. 1 BEGAN IN JANUARY 1961. THE MAXIMUM DIVERSION RATE HAS BEEN 280 GPM.

----- WELL No. 2 (PROPOSED) WILL REPLACE A WELL THAT WAS CONSTRUCTED IN 1918, THE MAXIMUM DIVERSION RATE FROM THIS ABANDONED WELL HAS BEEN 190 GPM.

(Sign) -----

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in -----, County of -----

State of South Dakota, on this ----- day of ----- A. D. 1962

Agnes M. Reddin

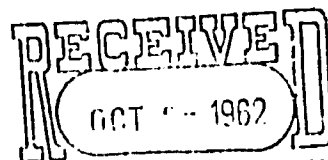
Witnesses. -----

James M. Reddin
City Auditor

I, the undersigned, do hereby certify that I am a duly qualified elector residing in the immediate vicinity of the diversion works designated in the foregoing testimony, that I have no interest in the works, water or land above described, that I have read the foregoing testimony and that I know of my own personal knowledge that the matters therein stated are true.

Agnes M. Reddin

Location No.-----	
PROOF OF APPLICATION OF WATER TO BENEFICIAL USE	
PETITION OF HOLDER	
Amount of Water ----- c. f. s.	
Source -----	
County -----	
Purpose -----	
Place of Use -----	
Date of recording -----	
Received and filed -----	

Permit No. 996-3Water Division No. 3 Vermillion River Water District **STATE WATER RESOURCES COMM.**
PIERRE, SOUTH DAKOTA

Notice of Application of Water to Beneficial Use

(This blank must be filled out by holder of permit and forwarded to the State Water Resources Commission at least sixty days before the time set for application of water.)

~~Salem~~ Salem, South Dakota
(P. O.)

October 1, 1962
(Date)

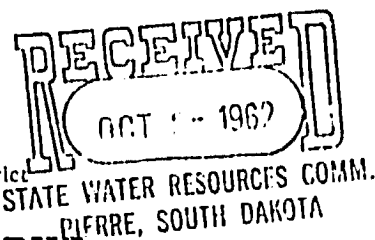
TO THE STATE WATER RESOURCES COMMISSION OF SOUTH DAKOTA, PIERRE:

DEAR SIR: Notice is hereby given that on the 1st day of January
1963, at Salem County of McCook State of South Dakota,
before _____ proof will be submitted of the application to beneficial use
(Examining Engineer or Officer)
of 1.24 cubic feet per second of the waters of _____
_____ In accordance with the terms and conditions of Permit No. 996-3
heretofore issued by the Water Resources Commission of South Dakota.

1. The name and postoffice address of the person or corporation holding said permit are _____
Salem, South Dakota
2. The use to which said water has been applied is serve the city of Salem and
residence thereof
3. The amount applied to beneficial use is total
4. The place where said water is used is (if for irrigation, give full and accurate description of the lands ir-
rigated) City of Salem
5. The name of the canal or ditch or other works by which said water is conducted to such place of use is
none
6. The right to take the water from such works is based upon permit No. 996-3
7. The source of supply from which such water is diverted is deep wells
8. The date of priority which said user is prepared to establish is 1934 and prior

(Sign)

James H. Cherry
James H. Cherry
City Auditor

Permit No. 996-3Water Division No. 3 Vermillion River Water District

NOTICE OF COMPLETION OF WORKS

This blank must be filled out by the holder of permit and forwarded to the Executive Officer at least 60 days before the time set for completion of works

(P. O.) Salem, South Dakota(Date) October 1, 1962

TO THE STATE WATER RESOURCES COMMISSION
OF SOUTH DAKOTA, PIERRE:

DEAR SIR: Notice is hereby given of the completion of the works for the diversion of _____

1.24 cu. ft. per second of the waters of the state from _____
through the _____
for municipal purposes

_____ In accordance with the terms and conditions of a certain permit heretofore issued by the Water Resources Commission of the State of South Dakota.

1. The name of the person or corporation holding said permit is City of Salem

2. The postoffice address of such person or the place of business of such corporation is Salem
County of Mc Cook State of South Dakota

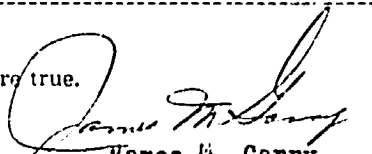
3. The number of such permit is 996-3 and the date set for the completion of such work is
January 1, 1963

4. Said water to be used for Municipal and private citizen purposes.

5. Said works of diversion will be fully completed on the date set for such completion, and the amount of water which said works are capable of conducting to the place of intended use, in accordance with the plans accompanying the application for such permit, is 1.24 cubic feet per second.

6. The amount of land for which said water is available is 640 acres,
particularly described as follows: the incorporated limits of the City of Salem

I hereby certify that the facts set forth in the above notice are true.


James H. Garry
City Auditor

(Signature of Owners) _____

Permit No. 996-3
3 VERMILLION RIVER Water District
 Water Division No. 3

Certificate of Examination of Works

Report of Examining Engineer

To the State Water Resources Commission, Pierre, South Dakota:

Dear Sirs: I hereby certify that in accordance with your letter of authorization dated _____

I have this day made a thorough examination of the diversion works constructed by THE
CITY OF SALEM, of ME
COOK County, South Dakota, holder of Permit No. 996-3, issued
 upon Application No. 996-3, bearing date of priority of JULY 5, 1963, authorizing the
 diversion of 1.24 cu. ft. per second of the waters of GROUND WATER for MUNICIPAL
 purposes. I have to report on the condition of the same as follows:

The diversion works comprise: WELL #1 - 226' DEEP WITH FAIRBANKS-MORSE PUMP
PUMP POWERED BY 10 HP FM ELECTRIC MOTOR #02K11; WELL #2 - 225' DEEP
WITH FAIRBANKS MORSE 8' TYPE A1751 POWERED BY FM 15HP ELECTRIC
MOTOR, WATER PUMPED TO ELEVATED STORAGE OF 50,000 GAL WITH
32,000 GAL STORAGE IN FILTRATION PLANT
 and the system is in the following condition: EXCELLENT

The point of diversion is located WELL #1, 1507'S and 511'E of the NW CORNER, SEC 13, T10N,
R 55W; WELL #2, 1380'S and 522'E of the NW CORNER, SECTION 13, T10N, R 55W

The works are capable of diverting and conveying to the place of use 1.00 cu. ft. per second of water,
 which is to be used for MUNICIPAL

The legal sub-divisions to be irrigated are: _____

_____ comprising a total of _____ acres of land.
 The domestic use intended comprises _____

The utilization for power, mining, or other beneficial uses comprises: _____

Witness my hand, this 8TH day of AUGUST, 1963

—SEAL—

Burton J. Jones
 Examining Engineer
 OFFICE

Det
South Dakota

GREAT FACES. GREAT PLACES.

MAY 10 1991

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

996-3

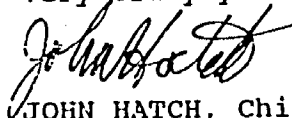
Kenneth Scott, Mayor
City of Salem
PO Box 605
Salem SD 57058

Dear Mayor Scott:

The Water Management Board has validated the enclosed Vested Water Right No. 996-3. This validation gives legal status to the claim and is the final document for your vested right.

As long as you use the water beneficially, as stated in the validation, State Water Laws provide that you have a continuing right to use the water.

Very truly yours,



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

enclosure

SOUTH DAKOTA

VALIDATION OF (PARTIAL) VESTED WATER RIGHT CLAIM NO. 996-3

Date Claim Accepted For Filing July 5, 1962.

Date of Validation September 27, 1989.

Pursuant to SDCL 46-2A-17 the Water Management Board validated Vested Water Right Claim No. 996-3 for the City of Salem, P O Box 605, Salem, South Dakota 57058 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 996-3 appropriates 0.38 cubic feet of water per second from well No. 1 approximately 226 feet deep and located in the SW 1/4 NW 1/4, Section 13, T103N, R55W.
2. The appropriated water is used for supplying water for the City of Salem and may not exceed the amount of water needed for beneficial use for municipal purposes.

The water is to be used during the following annual period:
January 1 - December 31

3. The priority date of the Vested Water Right is: January 1, 1934.
4. The water use system has been constructed and water has been applied to beneficial use.
5. Water Rights obtained in compliance with the laws of the State of South Dakota must not be unlawfully impaired by this appropriation.

WATER MANAGEMENT BOARD

By: 
Chief Engineer
Division of Water Rights
Dept. of Environment and Natural Resources

MAY 10 1991
date



996-3

Schmucker, Paul, Nohr and Associates

2100 North Sanborn Blvd – PO Box 398

Mitchell, SD 57301

Phone (605) 996-7761

Wats (800) 952-3598

FAX (605) 996-0015

January 12, 2006

Kent Buhler
Dept of Environment and Natural Resources
Foss Building
523 East Capitol
Pierre SD 57501

RECEIVED
JAN 13 2006
WATER RIGHTS
PROGRAM

RE: Municipal Water Supply Well Project
Salem, South Dakota
SPN #10330

Dear Kent:

Pursuant to your request for information relative to the above referenced project I have searched my files in an effort to find the information requested. I cannot find the final driller's report that was supposed to have been filed with the State. As discussed, I think this may be due in part to the financial difficulties and ultimate bankruptcy filing of the well driller on or about the time of completion.

The existing well failed in late May or early June of 2000. Copies of the plans and specifications for the replacement well were submitted to Mr. Ray Bircham on July 17, 2000 (enclosed herewith is a copy of the transmittal letter). On July 27 bids were opened for the construction of a new replacement well. Huron Drilling was awarded a contract to complete the work. The work was determined to be substantially completed on October 1, 2000 (enclosed is a copy of the Statement of Substantial Completion).

In regard to the construction of the well I am enclosing copies of the following for your information:

- 1) A drawing showing the location of the existing well house and the new well location;
- 2) A drawing indicating well details, screen lengths, etc.;
- 3) As-built drawing of the pitless discharge detail that was installed;
- 4) The well driller's log as provided by Huron Drilling;
- 5) The electric log completed by the South Dakota Geological Survey on August 24, 2000;
and
- 6) The test pumping data completed on September 14, 2000.

I wish I had more information for you on this matter but, as mentioned previously, we had a fair amount of difficulty obtaining information from Huron Drilling. I have had the city of Salem search their files. Unfortunately, they can find no additional information other than what I am providing to you herewith.

Kent Buhler
January 12, 2006
Page 2

You indicated at one point that you were not sure that the new well was covered by the water right for the city of Salem. It was my understanding that a new water right did not have to be issued for the well because it was a replacement for an existing well that was abandoned and it was in close proximity to the previous well.

If you have any questions or comments, please do not hesitate to contact me.

Sincerely,

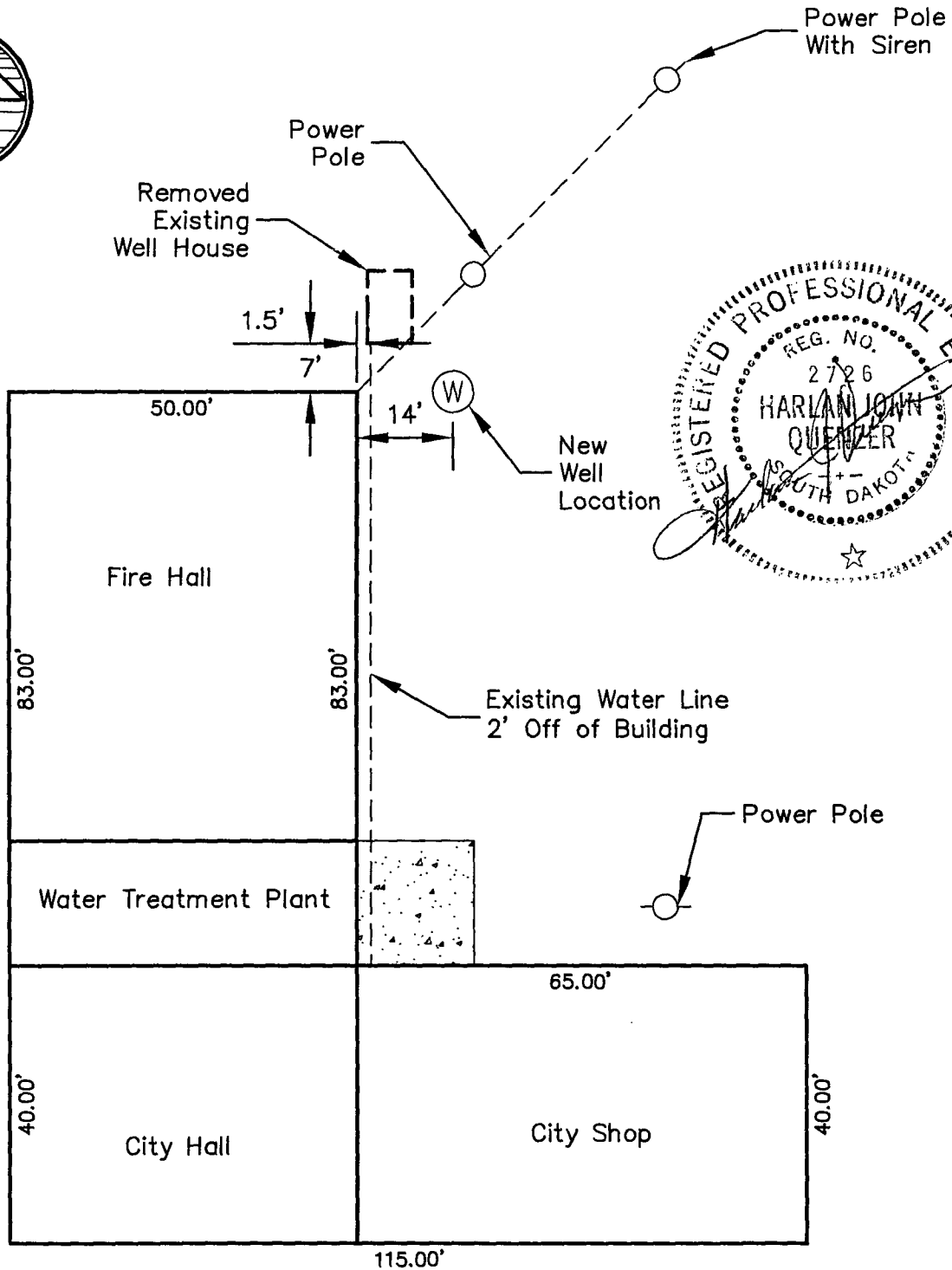
SCHMUCKER, PAUL, NOHR & ASSOCIATES

A handwritten signature in black ink, appearing to read "Harlan J. Quenzer". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Harlan J. Quenzer, P.E.
Principal / Project Manager

HJQ:rh

Enclosures



**SALEM CITY BUILDING
WITH WELL LOCATION**

Scale: N.T.S.

SPN Project No.: 10330

Drawing of
Construction
Record

schmucker, paul, nohr & associates

ENGINEERS-PLANNERS-SURVEYORS - 620 north lawler p.o. box 398
MITCHELL SOUTH DAKOTA, zip 57301 - PHONE 605-996-7761 FAX 605-996-0015

SPN
ASSOCIATES

July 17, 2000

BOX 398 • MITCHELL, S. DAK. 57301 • PHONE (605) 996-7761 • FAX (605) 996-0015

Ray Birchem
Dept of Environment and Natural Resources
Foss Building
523 East Capitol
Pierre SD 57501

RE: Municipal Water Supply Well Project
Salem, South Dakota
SPN #10330

SCHMUCKER, PAUL, NOHR & ASSOCIATES

**ENGINEERS
SURVEYORS**

Dear Mr. Birchem:

You may or may not be aware but the City of Salem has lost the use of one of their two wells. They have requested that I prepare a set of plans and specifications for the replacement of the well that was lost. I am enclosing herewith for your review and comment three (3) copies of the plans and specifications for the replacement well. This project is being bid under emergency conditions and bids will be opened on July 27 at 10:00 AM. I would therefore appreciate your earliest review and comment.

Thank you,

SCHMUCKER, PAUL, NOHR & ASSOCIATES

Harlan J. Quenzer, P.E.

HJQ:rh

Enclosures

FILE

STATEMENT OF SUBSTANTIAL COMPLETION

PROJECT: Municipal Water Supply - Well Construction

Salem, South Dakota

SPN Project No. 00-10330

CONTRACTOR: Huron Drilling Inc.

PO Box 1422

Huron, South Dakota 57350

FOR WORK: BID SCHEDULE "A"

TO: City of Salem

Salem, South Dakota

OWNER

AND TO: Huron Drilling Inc.

CONTRACTOR

This Statement of Substantial Completion applies to all Work under the Contract Documents signed and dated July 31, 2000 or to the following specified parts thereof:

TOTAL PROJECT AS DESCRIBED ABOVE

BID SCHEDULE "A"

The Work to which this Statement applies has been inspected by authorized representatives of the **OWNER** and **CONTRACTOR**, and that Work is hereby declared to be substantially completed in accordance with the Contract Documents on: October 1, 2000 and this date shall be established as the date of Substantial Completion.

A list of items to be completed or corrected may be attached hereto. This list may not be all-inclusive, and the failure to include an item in it does not alter the responsibility of the **CONTRACTOR** to complete all the Work in accordance with the Contract Documents.

When this Statement applies to a specified part of the Work, the items on the attached list or on the following page shall be completed by the **CONTRACTOR** within 30 days of the above date of Substantial Completion.

The **OWNER** shall have seven (7) days after receipt of the Statement of Substantial Completion during which he may make written objection to the Engineer as to any provisions of the statement.

The Date of Substantial Completion upon which all guarantees and warranties begin is:
October 1, 2000

RESPONSIBILITIES:

The responsibilities between **OWNER** and **CONTRACTOR** for security, operation, safety, maintenance, utilities and insurance shall be as follows:

OWNER: Shall be responsible for all security, operation, safety, maintenance, utilities and insurance.

Statement of Substantial Completion, CONTINUED

CONTRACTOR: Shall be responsible for all warranty work for a period of one (1) year as specified in the contract documents.

The following list of project deficiencies is included with and made a part of this Statement:

NONE

This certificate does not constitute an acceptance of Work not in accordance with the Contract Documents nor is it a release of **CONTRACTOR'S** obligation to complete the Work in accordance with the Contract Documents.

Executed by the ENGINEER on October 3, 2000.

ENGINEER: SCHMUCKER, PAUL, NOHR & ASSOCIATES, INC.

BY: 

Printed Name & Title: Harlan J. Quenzer, P.E., Project Manager

The **CONTRACTOR** accepts this Statement of Substantial Completion on:

10/4/, 2000.

CONTRACTOR: Huron Drilling Inc.

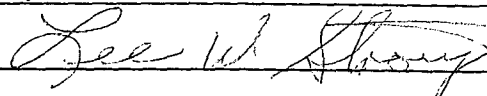
BY: 

Printed Name & Title: Doug Osberg, President

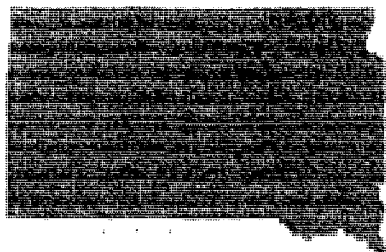
The **OWNER** accepts this Statement of Substantial Completion on:

October 10, 2000.

OWNER: City of Salem

BY: 

Printed Name & Title: Lee Stroup, Mayor



South Dakota Geological Survey

SALEM CITY WELL-2000

COMPANY : SDGS
WELL : SALEM CITY WELL-2000
LOCATION/FIELD : T103N, R55W, SEC. 13BBCD
COUNTY : MCCOOK
STATE : SD
SECTION : 13

TOWNSHIP : 103N RANGE : 55W

OTHER SERVICES:

None

None

None

DATE : 08/24/00
DEPTH DRILLER : 220
LOG BOTTOM : 219.40
LOG TOP : 6.20

PERMANENT DATUM : None

KB : None

DF : None

GL : None

CASING DIAMETER : 0
CASING TYPE : None
CASING THICKNESS : 0

LOGGING UNIT : None
FIELD OFFICE : None
RECORDED BY : D. TOMHAVE

BIT SIZE : 6
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.71
NEUTRON MATRIX : Dolomite

BOREHOLE FLUID : 0
RM : 0
RM TEMPERATURE : 0
MATRIX DELTA T : 54

FILE : ORIGINAL
TYPE : 9060A

THRESH: 2500

None

None

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

GAM(RAT)

FEET

SP

RES

API-GR

415

-30

MV

25 15

OHM

55

0

10

20

30

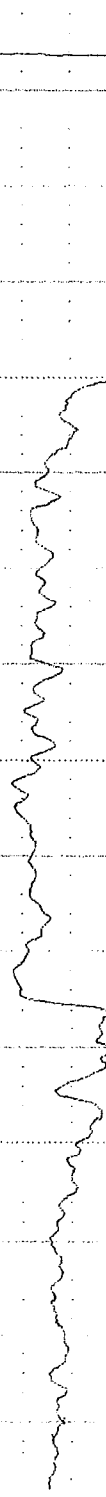
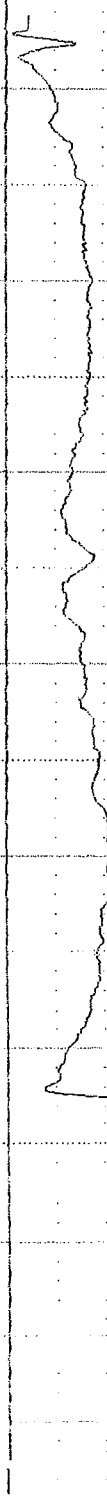
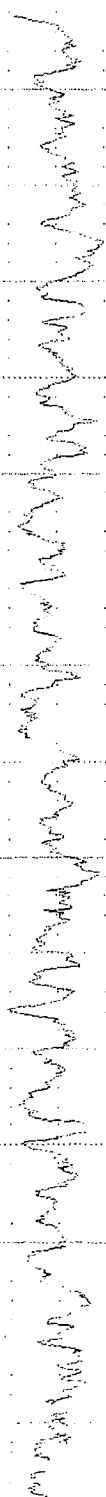
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80



9.

100

110

120

130

140

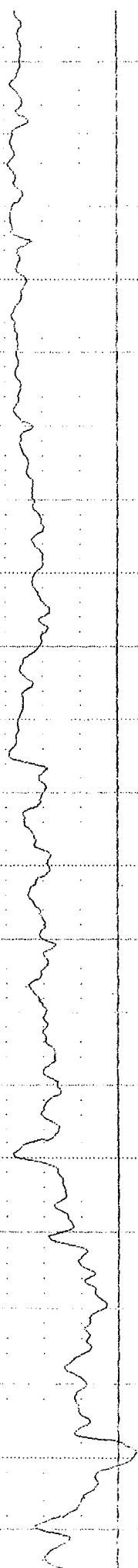
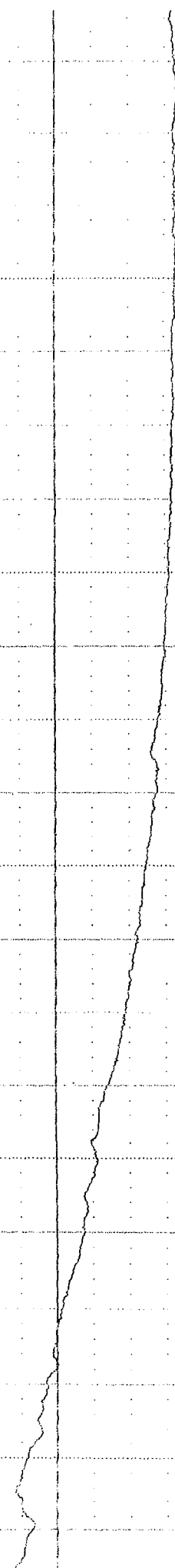
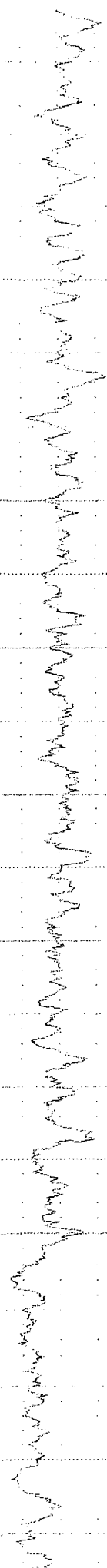
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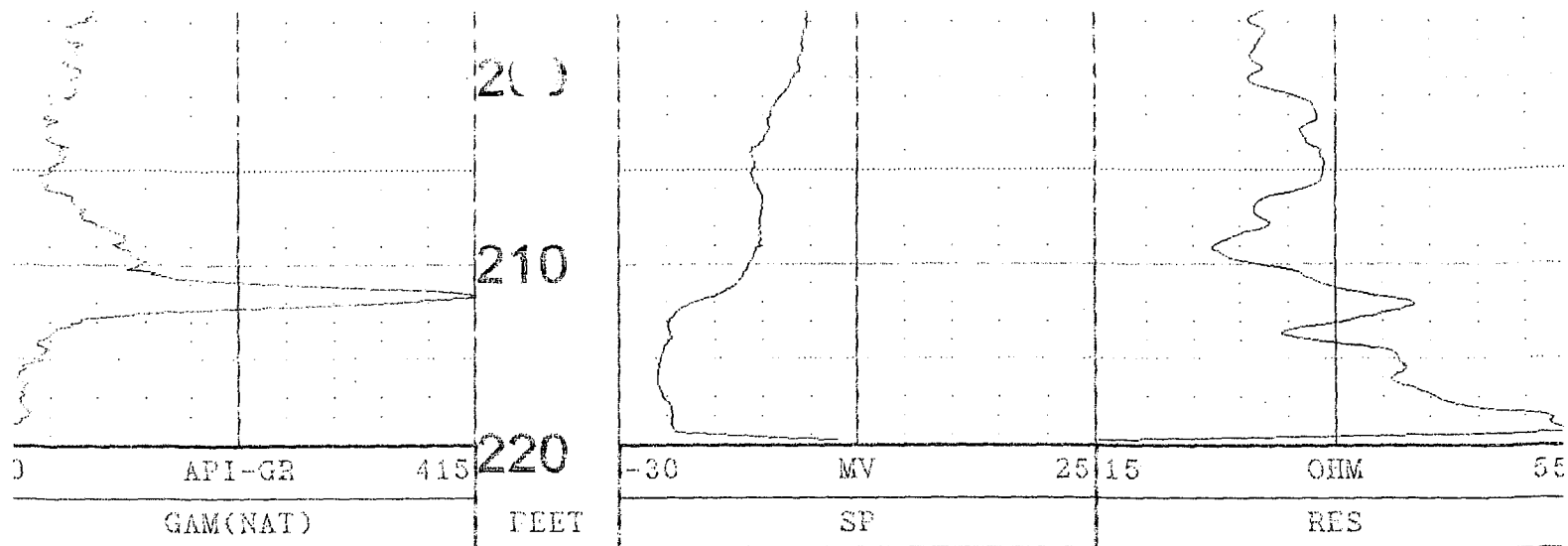
160

170

180

190





TOOL CALIBRATION SALEM CITY WELL-2000 08/24/00 14:10

TOOL 9060A

SERIAL NUMBER 217

	DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jan30,98	09:13:39	GAM(NAT)	Default [API-GR]	Default [CPS]
	Jan30,98	09:13:39	GAM(NAT)	Default [API-GR]	Default [CPS]
2	Jan30,98	09:13:39	RES	Default [OHM]	Default [CPS]
	Jan30,98	09:13:39	RES	Default [OHM]	Default [CPS]
3	Jan30,98	09:13:39	SP	Default [MV]	Default [CPS]
	Jan30,98	09:13:39	SP	Default [MV]	Default [CPS]

PUMPING TEST FORM

Job: SALEM Well - SPN No 10330DATUM = $31\frac{1}{4}$ " Above ground LevelLocation: SALEM, South DAKOTAWell No. NORTH WELL (NEW)Static Level 106 ft. Date 9/14/2000

Date	Hour	Minutes after stop	Orifice Reading	GPM	Depth to Water	Drawdown	Remarks
9/14/00	12:25			160	106		
	12:30	5		160			
	12:35	10		160	165.7"	59.7 / 59.58	
	1:40	15		160	166.2"	60.2 / 60.17	
	1:45	20		160	166.6 1/2"	60.6 1/2 / 60.51	
	12:50	25		160	166.9"	60.9 / 60.75	
	12:55	30		160	166.10 1/2"	60.10 1/2 / 60.88	
	1:00	35		160	166.11 1/2"	60.11 1/2 / 60.94	
	1:10	45		160	167.1"	61.1 / 61.08	
	1:20	55		160	167.1 1/2"	61.1 1/2 / 61.13	increased to 225
	1:25	60		225	191.8"	85.8 / 85.67	
	1:30	65		225	192.8 1/2"	86.8 1/2 / 86.71	
	1:35	70		225	192.11"	86.11 / 86.92	
	1:40	75		225	193.1"	87.1 / 87.08	
	1:45	80		225	193.1 1/2"	87.1 1/2 / 87.13	
	1:50	85		225	193.1 1/2"	87.1 1/2 / 87.13	
	2:00	95		225	193.1 1/2"	87.1 1/2 / 87.13	
	2:10	105		225	193.1 3/4"	87.1 3/4 / 87.15	
	2:20	115		225	193.1 3/4"	87.1 3/4 / 87.15	
	2:50	145		225	193.1 3/4"	87.1 3/4 / 87.15	
	3:20	175		225	193.1 3/4"	87.1 3/4 / 87.15	Shut South Well off
	3:25	180		225	192.9 1/2"	86.9 1/2 / 86.79	
	3:30	185		225	191.6 1/4"	85.6 1/4 / 85.52	
	3:35	190		225	190.10 1/2"	84.10 1/2 / 84.88	
	3:40	195		225	190.6 3/4"	84.6 3/4 / 84.56	
	3:45	200		225	190.2 3/4"	84.2 3/4 / 84.23	
	3:50	205		225	190.0	84.0 / 84.00	
	3:55	210		225	189.9 1/4"	83.9 1/4 / 83.77	
	4:00	215		225	189.7 1/4"	83.7 1/4 / 83.60	
	4:05	220		225	189.5 3/4"	83.5 3/4 / 83.42	
	4:10	225		225	189.4 3/4"	83.4 3/4 / 83.40	
	4:15	230		225	189.4	83.4 / 83.23	
	4:20	235		225	189.3 1/4"	83.3 1/4 / 83.27	
	4:25	240		225	189.2 1/2"	83.2 1/2 / 83.21	
	4:30	245		225	189.1 1/2"	83.1 1/2 / 83.13	
	4:40	255		225	189.1	83.1 / 83.08	
	4:50	265			189.1	83.1 / 83.08	
	5:00	275			189.1/4"	83.1/4 / 83.06	
	5:10	285			189.10 1/2"	82.10 1/2 / 82.88	
	5:20	295			189.10 1/4"	82.10 1/4 / 82.86	

PUMPING TEST FORM

Job: 1980 7/20/80

Location: SALERU, South DAKOTA

Well No. NORTH Well

Static Level 106 ft. Date 9/14/2000
STARTING

[illegible]

2

Job: SALEM Well - SPN No 10330

Location: SALEM, SOUTH DAKOTA

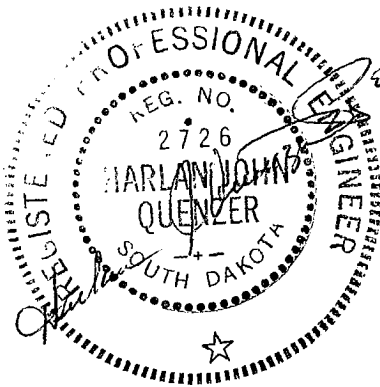
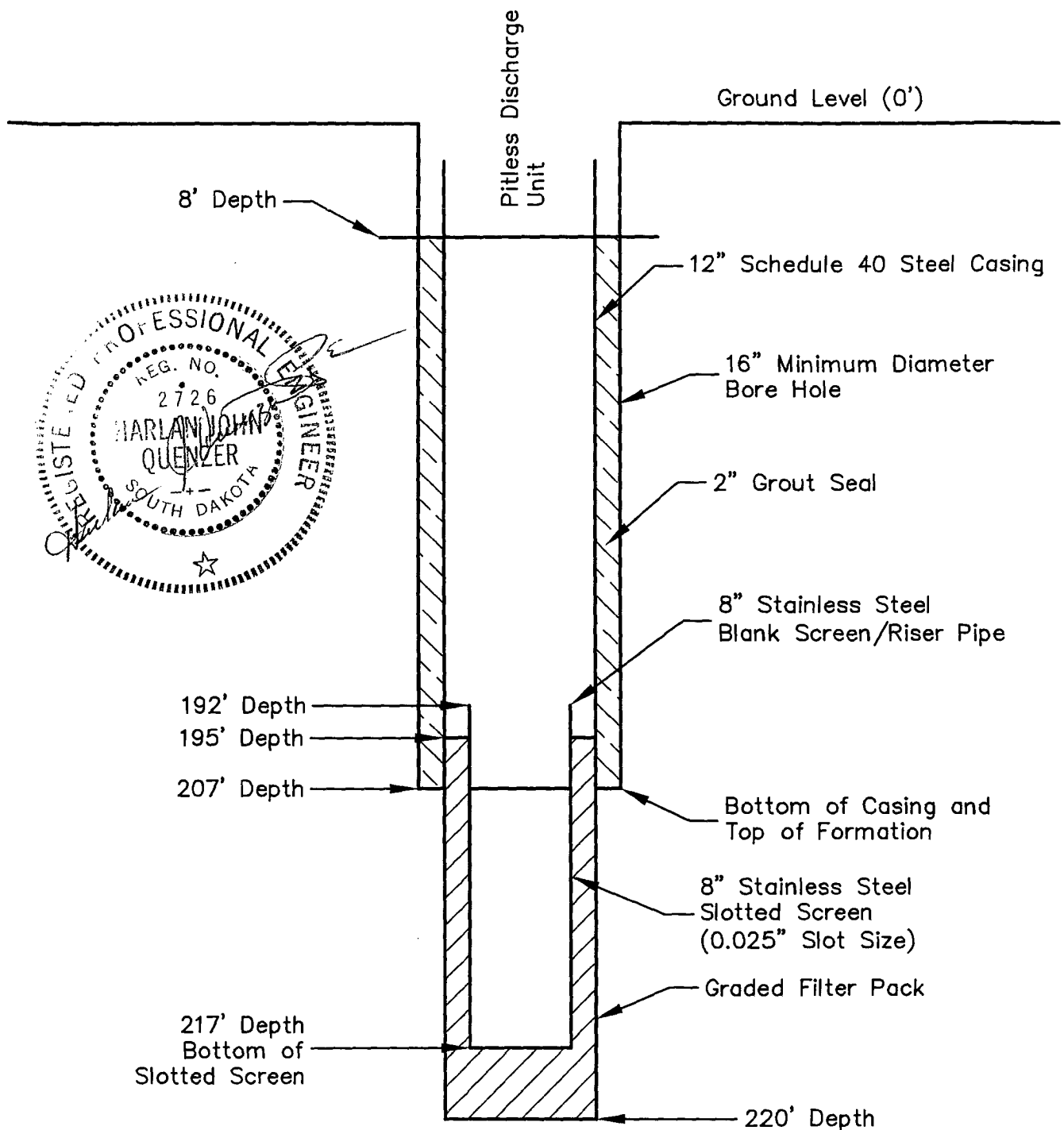
Datum = $31\frac{1}{4}$ " Above Grounds Level

Well No. NORTH WELL (NEW)

STARTING

Static Level 106 ft. Date 9/14/2000

[illegible]



Salem, South Dakota
AS-BUILT WELL CONSTRUCTION

Scale: N.T.S.

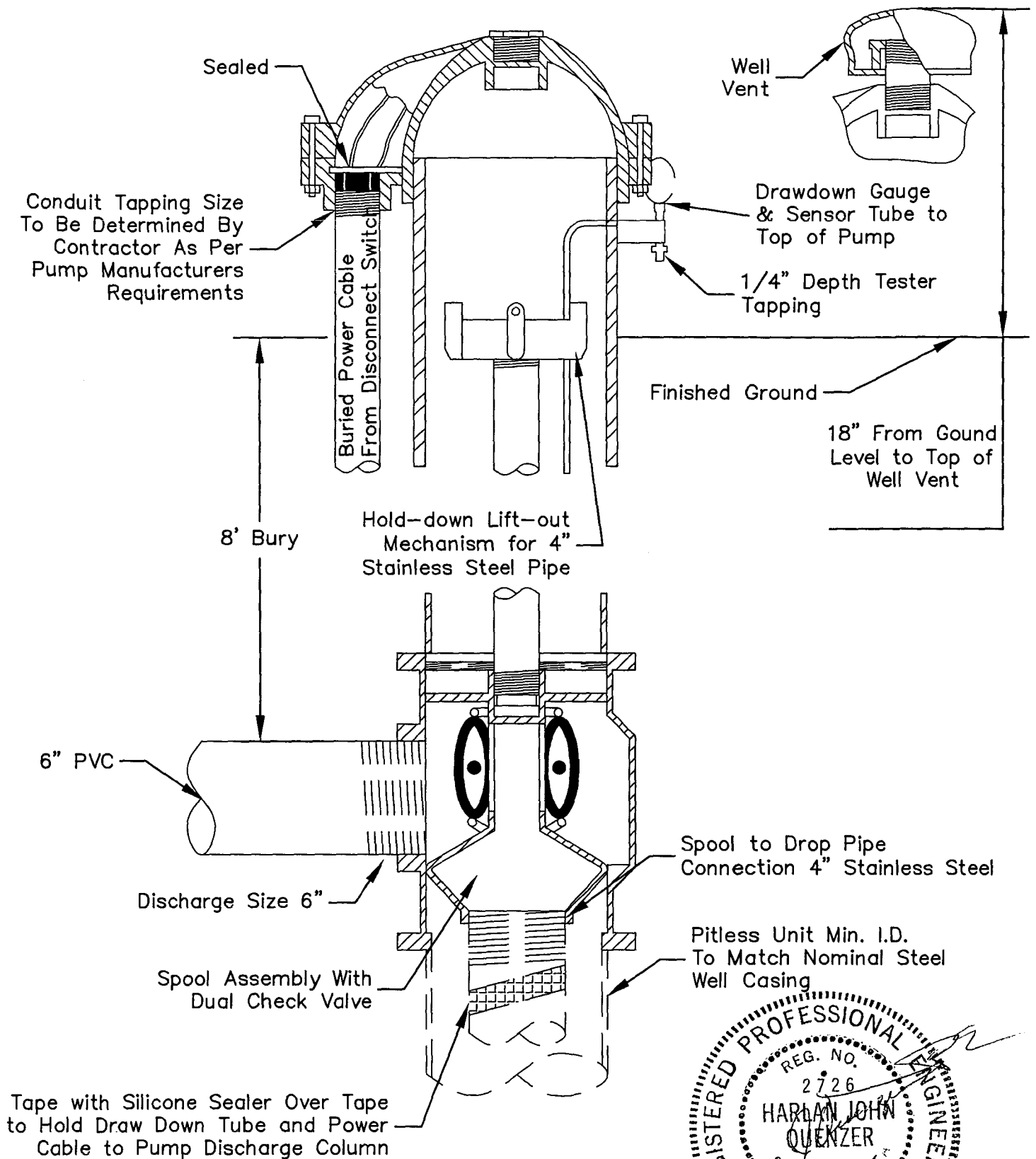
SPN Project No.: 10330

Drawing of
 Construction
 Record

schmucker, paul, nohr & associates

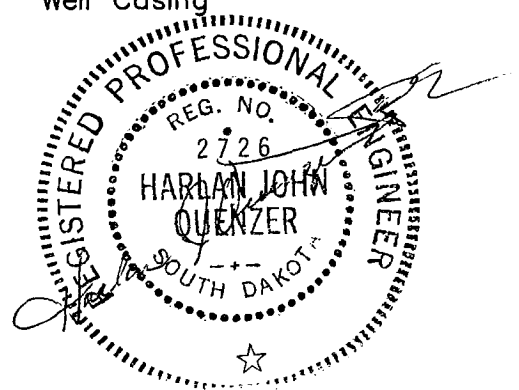
ENGINEERS-PLANNERS-SURVEYORS - 620 north lawler p.o. box 398
 MITCHELL SOUTH DAKOTA, zip 57301 - PHONE 605-996-7761 FAX 605-996-0015

SPN
 ASSOCIATES



PITLESS DISCHARGE UNIT DETAILS

Scale: N.T.S.



schmucker, paul, nohr & associates

ENGINEERS-PLANNERS-SURVEYORS — 620 north lawler p.o. box 398
MITCHELL SOUTH DAKOTA, zip 57301 — PHONE 605-996-7761 FAX 605-996-0015

SPN
ASSOCIATES



996-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

January 27, 2006

Harlan Quenzer, P.E.
SPN
PO Box 398
Mitchell SD 57301

Dear Mr. Quenzer:

In the past week you corresponded with Ken Buhler regarding a replacement well drilled for Salem in 2000. I have reviewed the information contained in your January 12th letter and compared it with the water right held by the city of Salem. I conclude that no water right permitting will need to take place for this replacement well as long as the authorized diversion rate from the two city wells has not increased.

The city holds Water Right No. 996-3 which appropriates 1.0 cubic feet of water per second from two wells completed into the Quartzite Wash in the NW ¼ of Section 13, T103N, R55W. Based on the water right map we have on file and the map you sent, the 2000 well is in close proximity to the permitted well that failed. Also it is apparent from reviewing the information that the 2000 well is constructed into the same source.

Your letter did not indicate the diversion capability for the city wells. I want to make you aware that if the combined diversion rate from the city wells is greater than 1.0 cfs, a water permit will need to be obtained for the incremental increase.

I am putting a copy of this letter in the file of Salem's water right to provide documentation for future reference. Thanks for your assistance in helping us address this matter.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

FEB 10 2011

6862-3
996-3

City of Salem
Lori Heumiller, Finance Officer
PO Box 249
Salem SD 57058

Dear Ms. Heumiller:

Enclosed is Water License No. 6862-3. This is the final water right document completing your process of obtaining a Water Right. Also, included with your license is a map prepared by the staff engineer who conducted the investigation.

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. 6862-3, 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.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

Note: The applicable portions of No. 996-3 are incorporated into Water License No. 6862-3.

enclosures