

Assigned on: 10-24-94 By: Karen Schlaak

**SOUTH DAKOTA
WATER PERMIT NO. 1611-1**

Date of first receipt of application October 24, 1994.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1611-1 to City of Lemmon, 303 First Avenue West, Lemmon SD 57638 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 1611-1 appropriates 0.25 cubic feet of water per second from one well (Fox Hills Formation) 950 feet deep located in Lot 2 (SW 1/4 NE 1/4 - 831 feet South 29 degrees East of the N 1/4 corner) Section 21-T23N-R16E.
2. The water appropriated shall be used for the purpose of supplying water to the City of Lemmon and may not exceed the amount of water needed for beneficial use for municipal purposes.
3. The water is to be used during the following described annual period: January 1 - December 31.
4. The date of approval of Permit No. 1611-1 is December 16, 1994.
5. The date from which applicant may claim right is October 24, 1994.
6. One-fifth of the construction is to be completed on or before June 16, 1997.
7. All construction is to be completed on or before December 16, 1999.
8. Water is to be put to beneficial use on or before December 16, 2003.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other 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 or in adequate wells having prior water rights.
2. The well authorized by Permit No. 1611-1 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.

WATER MANAGEMENT BOARD

By: _____

John Hatch
John Hatch, Chief Engineer
Water Rights Division
Department of Environment and Natural Resources

DEC 29 1994

date

No. <u>1611-1</u>	Hydrologic Unit <u>10130303</u>
Map No. _____	Basin <u>Grand River</u>
Newspaper <u>The Lemmon Leader, PO Box 180</u>	

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use of water: Industrial ☐ Commercial ☐ Municipal ☒ Other Common Distribution System ☐
 Rural Water System ☐ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☐
 Domestic ☐ (above 18gpm) Other ☐

Type of Application: Check one or more of the following

New ☒ Vested Right ☐ Future Use ☐ Change Use ☐☐ Amend Permit No. _____ with old priority date retainedChange diversion point(s) ☐ Add diversion point(s) ☐ Other ☐☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____☐ Construction to use water reserved by Future Use Permit No. _____1. Name of Applicant City of Lemmon, South Dakota Phone No. 605-374-5681Post Office Address 303 First Avenue West, Lemmon State SD, 57638
(Street, RR or Box) Zip Code2. Amount of water claimed (c.f.s.) 0.25 cfs (112 gal/min)3. Source of water supply Fox Hills Formation (SW 1/4 NE 1/4)4. Location of point of diversion The diversion point is in Lot 2 Section 21, T23N, R16E, BHM
being S1°02'20"W 726.45' from a found stone, state line marker no. 269. Said stone
monument in the south east corner of Section 35, T129N R92W, 5th PM County Perkins5. Counties where water will be used Perkins6. Annual period during which water is to be used All year Jan 1-Dec 31

7. Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Construction of a new potable water well and pump house and connection to the existing city water distribution system. Well to be drilled and completed to a depth of approximately 950 feet.

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

STATE OF SOUTH DAKOTA,
County of PERKINS ss

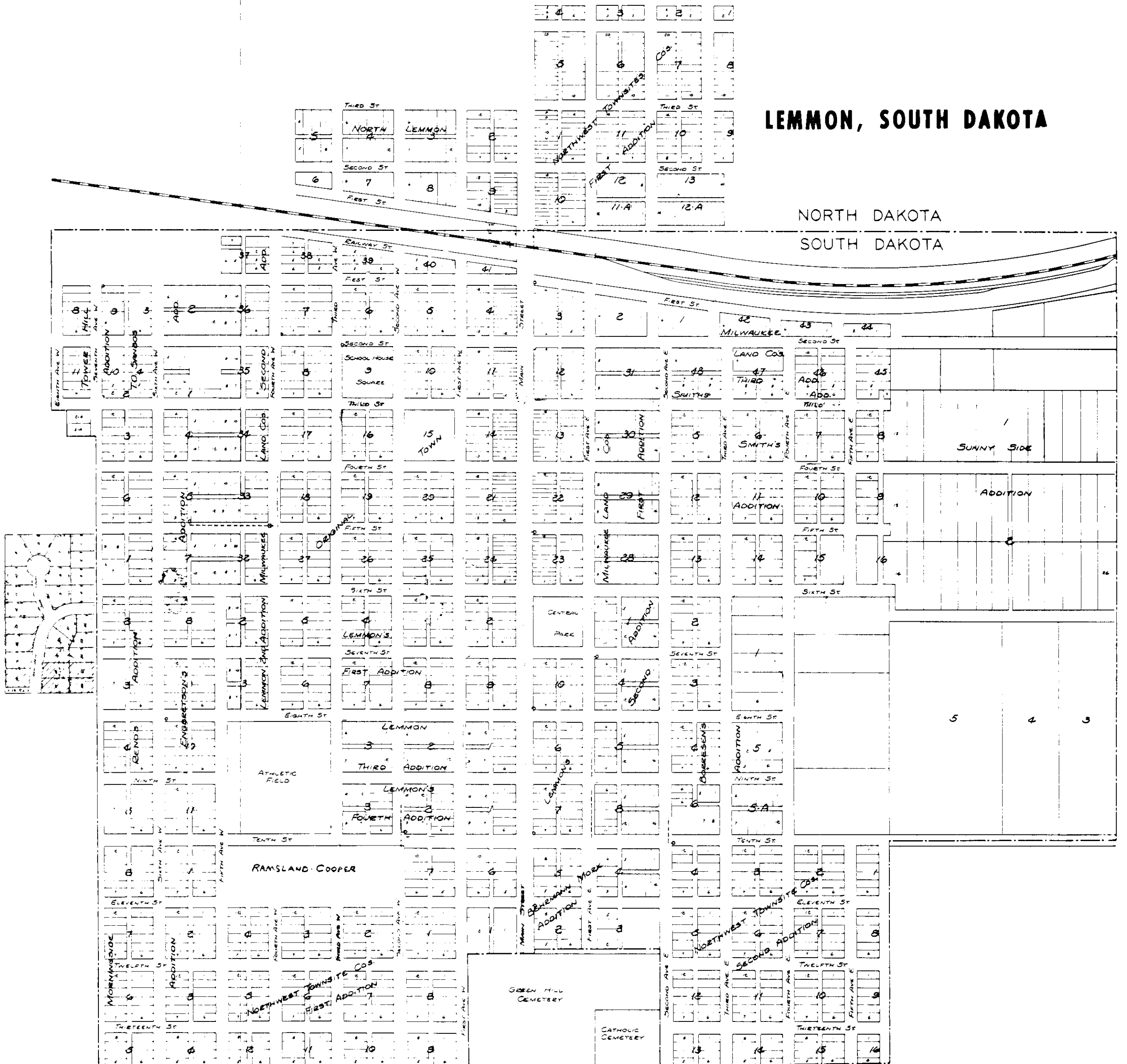
I, ELDON S. JENSEN the applicant, certify that I have read the foregoing application, have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Signed Eldon S. Jensen MayorSubscribed and sworn to before me this 17 day of Oct 1994

(Notary Public for other qualified officers)

LEMMON, SOUTH DAKOTA

NORTH DAKOTA
SOUTH DAKOTA



Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- Drill Hole Diameter 14 inch Depth 950 Feet
- Casing Type Steel Diameter 8 5/8 inch Thickness 0.277 inch
- Screen Type Stainless Steel Diameter 6 inch Thickness 20 slot (14 lb/ft)
- Gravel Pack Thickness 3 inch Length of Gravel Pack 100 Feet
- Depth to Top of Water Bearing Material 800 Feet
- Depth of Water (ground surface to water level) 470 Feet
- Distance to nearest existing domestic well:
On applicants property 2000± On property owned by others 1/2 mile

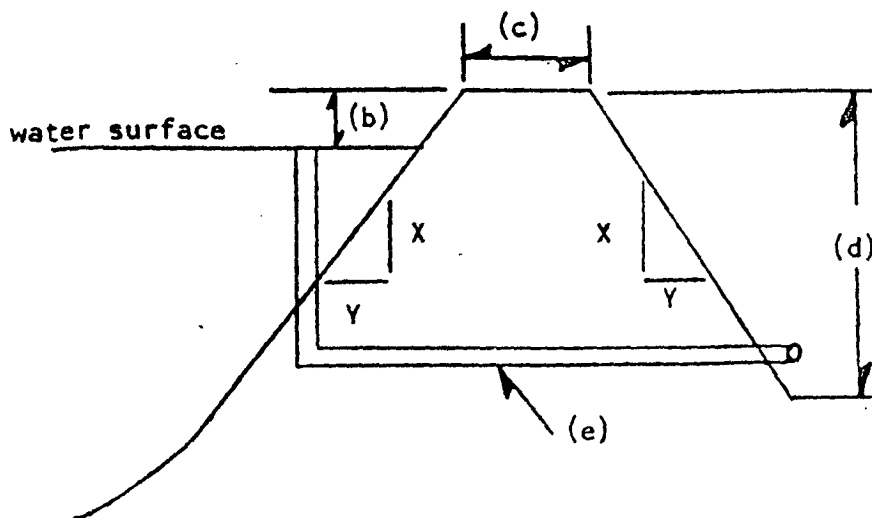
2. Dugout Information Estimates

- Surface Dimensions _____ Depth _____
- Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- If a private engineering firm or government agency was involved in the design of this dam please give their name and address



- Freeboard _____
- Crest Width _____
Crest Length _____
- Height _____
- Outlet Dimensions:
Pipe diameter _____
Spillway width _____
- X & Y Slope
Upstream _____
Downstream _____
Surface Area of Impoundment _____
Storage _____ acre feet
Drainage area above dam _____

X

Signature of Applicant

RECEIPT

414308

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____, October 24, 19 94

RECEIVED OF City of Lemmon, 303 1st Ave W, Lemmon SD 57638

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

Fee for Application for Permit No. <u>11611-1</u> to Appropriate Water, to construct and to put water to beneficial use _____	225	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	225 00

By John Hlatky
Chief Engineer

Well #5

Replaced Motor & Rebuilt Pump 5-18-92

Put New Bearings and New Shaft in Pump

1 New Shaft - 20 New Seals - 20 New Bearings - 1 New Top Bearing

Put down New Motor

20 H.P. Hitachi Motor Mfg. No. - G89127E 6"

460/230 Volt dual - Set at 230 volt

3450 R.P.M.

27/54 Amps

Code G

S.F. 1.15

S.F.A. 30/60

Pump

20 H.P. Grundfos

Ser. # 8329 - 83327-6 - ~~8~~ Model No. - 805200-20

230 v 3 phase

6" Pump

Replaced 9 sections 21 ft. galvanized 3" pipe

Pump setting at 593 ft.

Well # 9 (Main Street)

Pump stopped 6-10-89

Pulled Pump up 6-14-89

Replaced pump & motor 7-8-89

~~Put~~

Put down New

6" 25 HP Hitachi Motor Mfg # 689163E

460/230 Dual Voltage 3 Phase

3450 RPM

34/68 AMPS

Type VCTI

20 HP Grundfos Pump

Model 8DS 200 20 stage

460V 3 phase

Serial # B8915W01

6" pump

Pipe Good shape

Removed check Valve at pump

New pump has check Valve built in.

Pump setting at 709'

Replaced Liquid Level controls & wires with (motor safety) controls operated with amperage - no wires going down well except main wires to motor and air line

SEC. 35
T129N, R92W
5th. P.M.

W¹/₄ COR. SEC. 36
FND. REBAR
& CAP

SEC. 36
T129N, R92W
5th. P.M.

SE COR. SEC. 36
FND. REBAR
& CAP

NORTH DAKOTA
416.79' (R)
N90°00'00"E (R)
SOUTH DAKOTA

35 36 5286.69' (M)
S90°00'00"E (R)

CALCULATED POSITION
N¹/₄ SEC. 21 (FROM GLO)

CALCULATED USING
G.L.O. RECORD INFORMATION

SEC. 21
T23N, R16E
B.H.M.

SW COR. SEC. 36
FND. STONE STATE
LINE MONUMENT



SCALE: 1" = 100'

THE BASIS OF BEARING FOR THIS
SURVEY IS THE RECORD BEARING
BETWEEN SW CORNER SECTION 36
AND THE SE CORNER SECTION 36
T129N, R92W, 5th. P.M. AS SHOWN
HEREON.

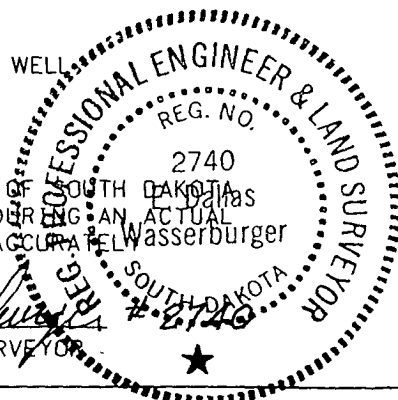
830.94' (CALC.)
S29°03'44"E (CALC.)

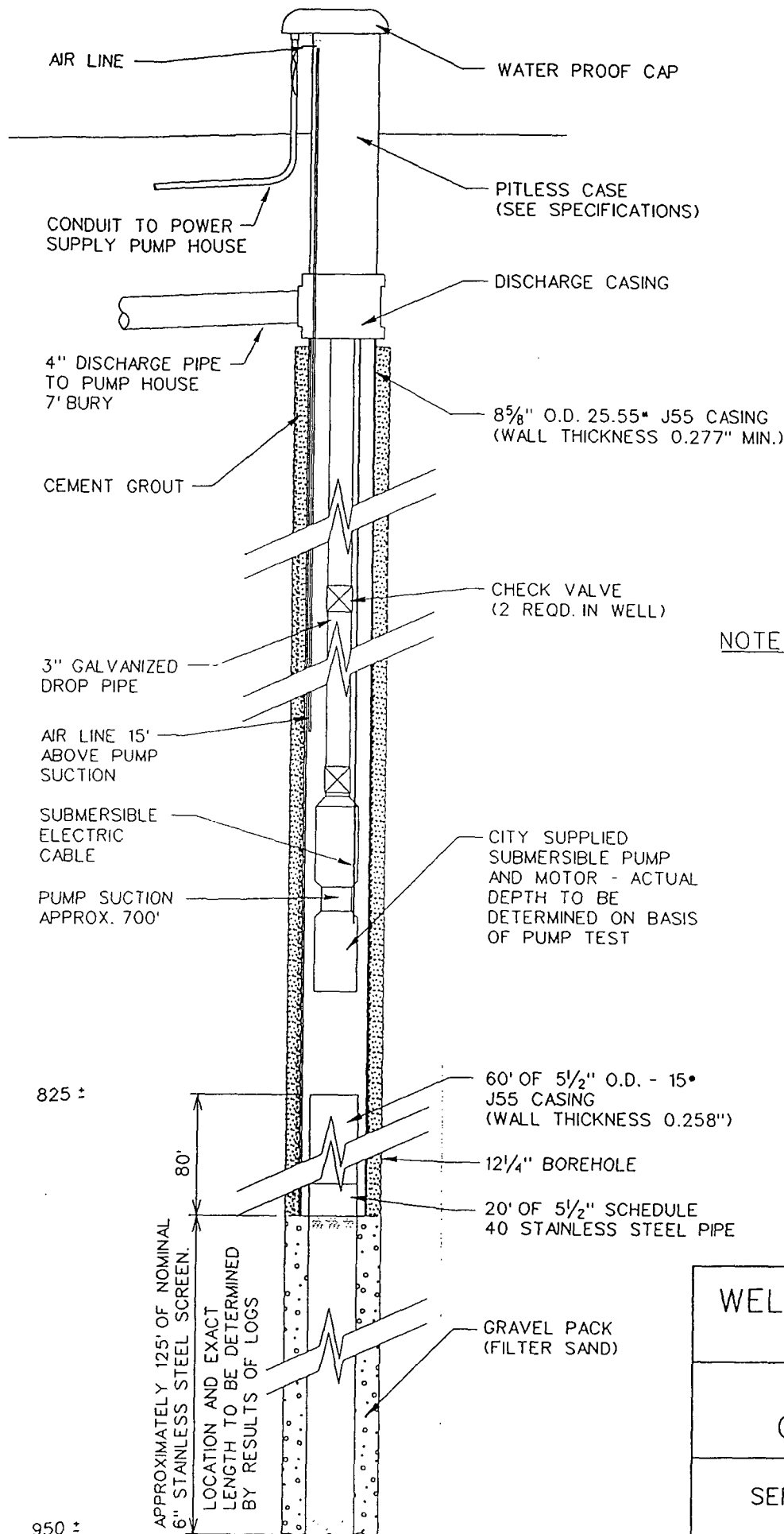
726.45' (M)
S01°02'20"W (M)

SURVEYOR'S CERTIFICATE

I, E. DALLAS WASSERBURGER, REGISTERED LAND SURVEYOR IN THE STATE OF SOUTH DAKOTA
DO HEREBY CERTIFY THAT THIS MAP WAS MADE FROM FIELD NOTES TAKEN DURING AN ACTUAL
SURVEY MADE BY ME IN SEPTEMBER, 1994, AND THAT IT CORRECTLY AND ACCURATELY
REPRESENTS THE SURVEY AS SHOWN HEREON.

E. Dallas Wasserburger
REGISTERED LAND SURVEYOR





NOTE: DEPTHS INDICATED ARE ESTIMATES BASED ON AVAILABLE INFORMATION BUT MAY VARY. ACTUAL DEPTHS WILL BE DETERMINED FROM DRILLING SAMPLES AND LOGS RUN DURING CONSTRUCTION.

CONDUIT TO PUMP HOUSE TO CONTAIN PUMP POWER CABLE AND AIRLINE.

WELL CONSTRUCTION DETAILS

LEMMON
CITY WELL #11

SEPTEMBER, 1994
94-497

PAGE



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 24, 1994

Eldon S. Jensen, Mayor
City of Lemmon
303 1st Ave West
Lemmon SD 57638

Dear Mayor Jensen:

We received the Application for Permit to Appropriate Water for the City of Lemmon. All of the necessary information has been submitted. A report, recommendation and public notice will now be prepared on the application.

A review of our files indicates that in July, 1991 an application was submitted by the City of Lemmon for a well which was going to be used to irrigate greens and fairways at the Lemmon Municipal Golf Course. The forms were returned to the City to be completed, signed and notarized. Applications for irrigation also require a map which shows the location of the well and outlines the area to be irrigated. The application has not been completed.

If this well located in Section 34-T23N-R16E is used by the City to water the Municipal Golf Course it will be necessary to complete enclosed application forms. Enclosed is a copy of the original application and map submitted.

Processing these applications at that same time would reduce the public notice cost for the City of Lemmon.

If you have any questions, please contact this office.

Sincerely,

Karen Schlaak

Karen Schlaak
Environmental Scientist
605 773-3352

enclosures

REPORT ON WATER PERMIT APPLICATION NO. 1611-1
for the City of Lemmon
November 10, 1994

Application No. 1611-1 proposes to appropriate 0.25 cfs (112 gpm) from one well approximately 950 feet deep located in the SW 1/4 NE 1/4 (Lot 2) of section 21, T23N R16E in Perkins County. The water is for municipal use.

AQUIFER - FOX HILLS (FXHL)

The Fox Hills consists of shale and sandstone with the amount of sandstone increasing with depth with a total thickness of 200-300 feet in this area (Allen, 1984). The Fox Hills underlies 1.83 million acres and contains an estimated 13.73 million acre feet of recoverable water in storage in Perkins County (Allen, 1984). The aquifer is confined by the overlying 700 to 800 feet of sediments (Hell Creek and Ludlow Formations) and is under artesian conditions. The aquifer is very large and extends into Corson County to the east, Harding County to the west and into North Dakota to the north.

The Division of Water Rights does not monitor any observation wells completed into the Fox Hills in this area. The closest observation well is located about 50 miles west of Lemmon and in Harding County. Some water level data is available for a Lemmon city well (Winter, 1994). This record although not the best does indicate very little change in water levels for about a ten year period from 1980 to 1990.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The only existing water permits/rights are for the other City wells in the area. The nearest city well to this application is about 1/2 mile west (City Well No. 8). Interference is not expected to be a concern. The other city wells are actually closer spaced than the distance between this application and existing diversions. There is no record of domestic wells in the area which also obtain water from the Fox Hills. Most of the domestic wells appear to obtain water from the Hell Creek Formation.

CONCLUSIONS

1. Water is available from the Fox Hills Formation.
2. The aquifer is confined and under artesian conditions. Drawdown will occur but is not expected to cause any adverse effects. The spacing is sufficient to minimize any potential effects. Also the diversion rate is relatively small.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.

4. This is basically the only ground water source of water available to the City. No other ground water source can provide this quality of water.


James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

- Allen, J.C., D.L. Iles, A.K. Petres, 1984, Analysis of Groundwater and Streamflow Data Western Dakotas Region of South Dakota, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.
- Winter, D.R., 1994, Water Levels Through 1989 in Bedrock Aquifers in South Dakota, USGS Open-File Report 94-320, USGS, Rapid City, SD, 57702.

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 1611-1, City of Lemmon

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 1611-1, City of Lemmon, 303 First Avenue West, Lemmon, SD 57638.

The Chief Engineer is recommending APPROVAL of Application No. 1611-1 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other 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 or in adequate wells having prior water rights.
2. The well authorized by Permit No. 1611-1 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.

See report on application for additional information.



JOHN HATCH, Chief Engineer
November 16, 1994



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.**

November 21, 1994

Eldon S. Jensen, Mayor
City of Lemmon
303 First Avenue West
Lemmon, SD 57638

Dear Mayor Jensen:

Water Permit Application No. 1611-1 for municipal use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of The Lemmon Leader printed at Lemmon, SD (Ph # 605-374-3751). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

c: Mike Priest, Finance Officer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 21, 1994

The Lemmon Leader
PO Box 180
Lemmon, SD 57638-0180

ATTENTION: Legal Department

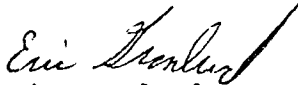
Enclosed is a Notice of Hearing on Application No. 1611-1 to be published twice. Please publish the first notice on November 29, 1994, with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is the City of Lemmon, 303 First Avenue West, Lemmon, SD 57638 (Ph # 605-374-5681).

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----
FIRST TRANSMITTAL NOTICE

TO: Eric Gronlund
Water Rights Division
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper

Instruction to Newspaper - Publish first Notice on November 29, 1994, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 1611-1 to Appropriate Water

Notice is given that the City of Lemmon, 303 First Avenue West, Lemmon, SD 57638 has filed an application for a water permit to appropriate 0.25 cubic feet of water per second from one well (Fox Hills Formation) 950 feet deep located in Lot 2 (SW 1/4 NE 1/4 - 831 feet South 29 degrees East of the N 1/4 corner) Section 21-T23N-R16E. The water is for municipal use.

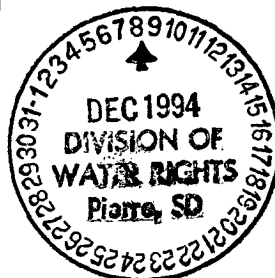
Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1611-1 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by December 16, 1994.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Division address to request copies of information pertaining to this application. Robert E. Roberts, Secretary, Department of Environment and Natural Resources.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County of Perkins) ss



I, Alice Farstad

certify that the attached printed Notice was
 taken from the Lemmon Leader

printed and published in Lemmon

County of Perkins and State of

South Dakota. The notice was published in
 the newspaper on the following two dates:

11-29-94

12-6-94

Cost of Printing: 39.56

Alice Farstad
 (Signature)

Publisher
 (Title)

12-6-94
 (Date Signed)

NOTICE OF APPLICATION NO. 1611-1 to Appropriate Water

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Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1611-1 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

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(Publish Nov. 29, Dec. 6, 1994)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

DEC 29 1994

Judy Finnell, Finance Officer
City of Lemmon
303 First Avenue West
Lemmon, SD 57638

Dear Ms. Finnell:

Enclosed is Water Permit No. 1611-1 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

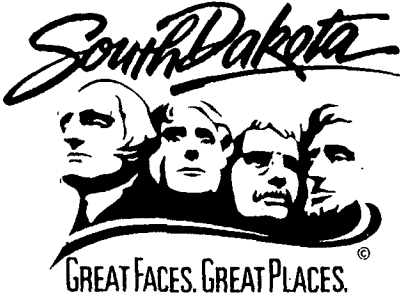
Very truly yours,

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

enclosures

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

September 21, 1995

1352-1
1611-1

Mike Priest, Finance Officer
City of Lemmon
303 First Avenue West
Lemmon, SD 57638

Dear Mr. Priest:

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 Nos. 1352-1 and 1611-1, has been completed. Your final water right documents, the Water Licenses, can now be issued.

Statutes require that we charge a \$50.00 fee per license for the inspection and issuance of the Water Licenses. Upon receipt of the \$100.00 fee from you, we will begin processing your Water Licenses.

Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until both \$50.00 (\$100.00 total) license fees have been paid. Please contact us if you have any questions.

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Program
(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

414648

South Dakota Department of Environment and Natural Resources

Pierre, _____ October 18, 19 95

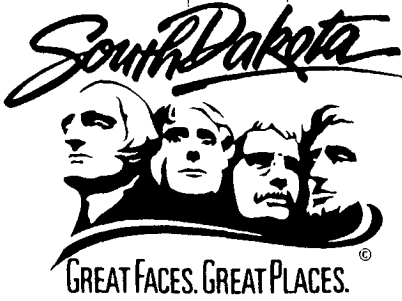
RECEIVED OF City of Lemmon, 303 First Avenue W, Lemmon, SD 57638

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct 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>1611-1</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatch
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 22, 1995

1611-1

Mike Priest, Finance Officer
City of Lemmon
303 First Avenue West
Lemmon, SD 57638

Dear Mr. Priest:

I am contacting you in regard to completion of your water use system as described under Water Permit No. 1611-1 (City well #11). An engineer from our office conducted an examination of the water use system on June 19, 1995.

In the process of writing up the water license, I realized that the permit allowed until December 16, 1999 for completion of works. Prior to actually issuing the water license, we need to have verification from you that the diversion system for well #11 has been completed. The reason for requesting the verification is that the permit was originally issued for 0.25 cubic feet of water per second (cfs) and based on the examination done in June, the water license will be issued for 0.16 cfs. If you believe you may increase the diversion rate from 0.16 cfs to 0.25 cfs prior to December 16, 1999, then perhaps we should wait to issue the water license.

I am enclosing a "Notice of Completion of Works and Application of Water to Beneficial Use" form. Please complete the form and return it to our office. If the water use system is completed, we will process your water license. If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352

enclosure

**NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE**



Date 11-29-95

TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM: City of Lemmon 303 First Avenue, West, Lemmon, SD 57638
(name) (address)

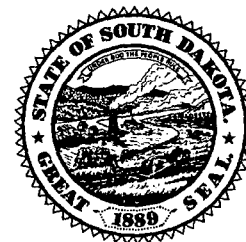
I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 1611-1. (No. 1611-1 is for City well #11)

Water Permit No. 1611-1 states that the diversion system is to be constructed by December 16, 1999, and that the water is put to beneficial use by December 16, 2003.

The diversion system was completed on JUNE 9, 1995.
(date)

Applying the water to beneficial use was completed on JUNE 9, 1995.
(date)

[Signature]
(signature)



Permit No. 1611-1
Grand River - Water District

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

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, **June 19, 1995**, made a thorough examination of the water use system owned by the **City of Lemmon** of **303 First Avenue W., Lemmon, SD 57638** holder of **Permit No. 1611-1**, bearing the priority of **October 24, 1994**, authorizing the diversion of **0.25 cu. ft. per second** of groundwater for **municipal purposes**, in **Perkins County**.

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

A. Works used to divert the water:

A Grundfus pump, 70 gallon per minute capacity.
A 20 horse power Franklin motor.

B. Works used to transport water to place of use:

400 feet of 6 inch PVC pipe.

C. Works used to apply water to beneficial use:

Water is used for municipal purposes.

The system is in the following condition **Good**. The point of diversion is located: **Well No. 11: About 2213 feet west, 660 feet south from the northeast corner of Section 21, T23N-R16E (SW1/4 NE1/4)**. The works are capable of diverting and conveying to the place of use **0.16 cu. ft. per second** of water which is used for **municipal** purposes. Water has been put to beneficial use to the maximum extent as follows:

Water is either used directly from this (Fox Hills) well or is pumped to a 600,000 gallon tank.

The license should be issued for **0.16 cfs**.

Applicable permit qualifications have been complied with: **Yes X No**

Exceptions to compliance are: **None**

Date Report Completed: **7/10/1995**



M. Rassool Ahadi
Natural Resources Engineer
DENR, Water Rights Program

REPORT ON INSPECTION OF PERMIT NO. 1611-1

DATE OF INSPECTION: 6/19/1995

NAME & ADDRESS OF PERMIT HOLDER: City of Lemmon

DIVERSION POINT LEGAL LOCATION: Well No. 11: SW1/4 NE1/4 Section 21, T23N-R16E

WELL INFORMATION:

- 1) Well Drilling Firm: **LTP**
- 2) No. of Wells **1**
- 3) Depth(s) **980** feet
- 4) Well log is available **Y**
- 5) Comment:

Casing:

- 1) Diameter **8 5/8** inches
- 2) Length **835** feet
- 3) Type **Steel**

Screen:

- 1) Type **Steel**
- 2) Length **110** feet
- 3) Static water level **425** feet

Pump:

- 1) Make **Grundfus**
- 2) Model
- 3) Size **6** inches
- 4) Capacity **70** GPM

Motor:

- 1) Make **Franklin**
- 2) Model No.
- 3) Horsepower rating **20** hp

DISTRIBUTION LINES OR CANALS:

- 1) Type **PVC**
- 2) Size **6** inches
- 3) Length **400** feet

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1611-1

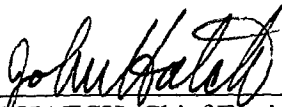
(1) The City of Lemmon, 303 First Avenue West, Lemmon SD 57638 made Application No. 1611-1, October 24, 1994 for a water permit to appropriate 0.25 cubic feet of water per second from groundwater (one well), Perkins County, South Dakota for municipal use purposes. Permit No. 1611-1, with a priority date of October 24, 1994 was approved December 16, 1994 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before December 16, 1999 and for the application to beneficial use of said water on or before December 16, 2003.

The permit holder submitted a "*Notice of Completion of Works and Application of Water to Beneficial Use*" on January 2, 1996. The "*Notice*" stated the diversion system was completed on June 9, 1995 and the water placed to beneficial use on June 9, 1995.

(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 0.16 cubic feet of water per second for beneficial use. The location of the diversion point is 2213 feet west and 660 feet south from the northeast corner of Section 21-T23N-R16E (SW 1/4 NE 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 South Dakota Water Law 46-5-30.1 the City of Lemmon, 303 First Avenue West, Lemmon SD 57638 the holder and/or owner of Water Permit No. 1611-1 is issued a license to appropriate water, the right to use 0.16 cubic feet of water per second from groundwater (one well) with a priority date of October 24, 1994 from the location specified in (2) of this license. The water is used for the purpose of municipal use. This license is subject to any limitations or qualifications listed in Water Permit No. 1611-1 and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

APR 4 1996

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

APR 4 1996

1611-1

Mike Priest, Finance Officer
City of Lemmon
303 First Avenue West
Lemmon, SD 57638

Dear Mr. Priest:

Enclosed is Water License No. 1611-1. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 414648 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. 1611-1, 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.

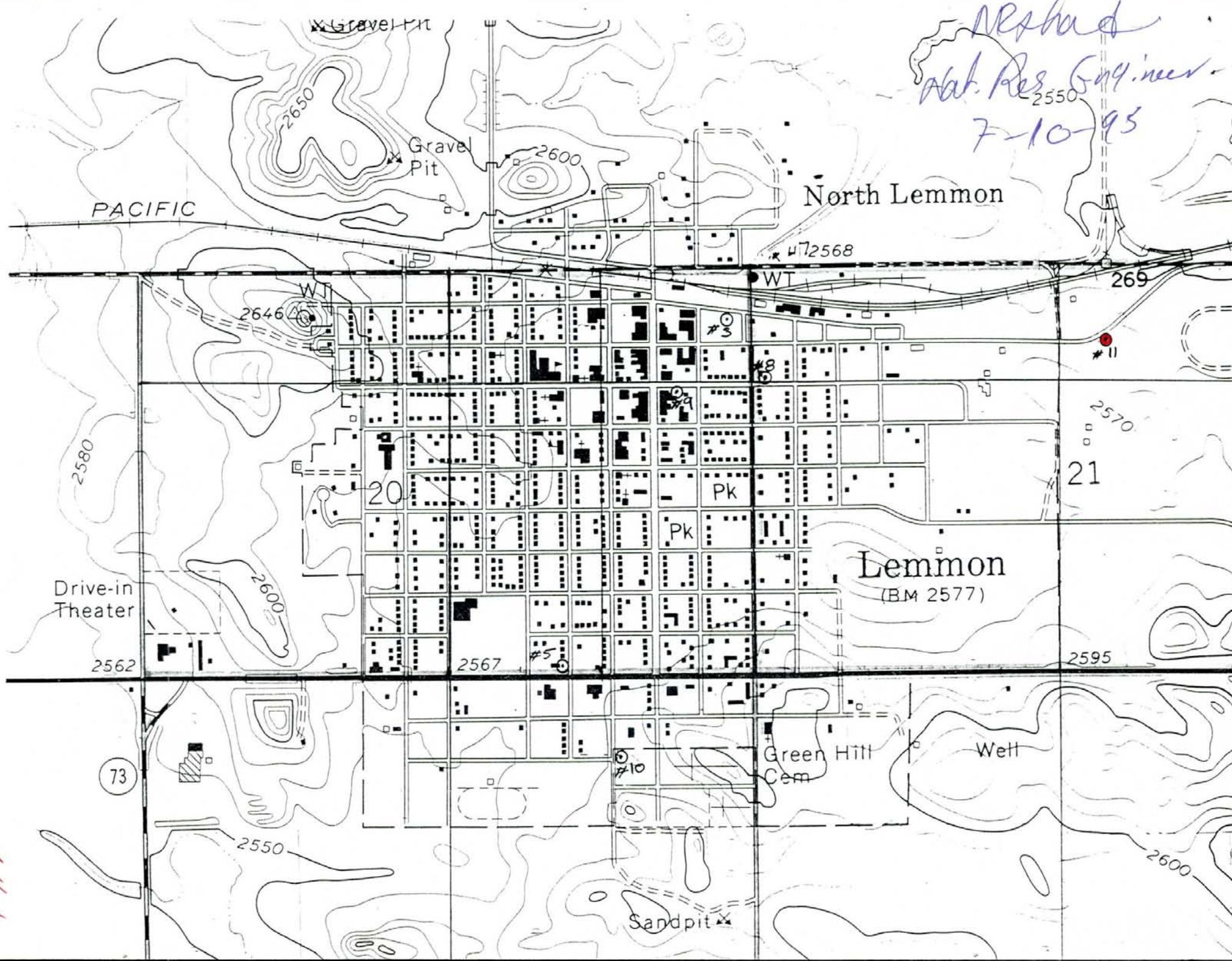
As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Very truly yours,

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

ks
enclosures

North
Nat. Res. Engineer
7-10-95



1611-1