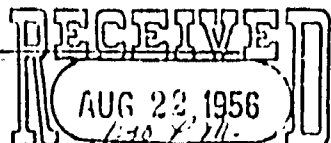


1. Considered September 17, 1956
2. Name of Applicant City of Colman 244-3
3. Post Office Address Colman, S. Dak.
4. Amount of water claimed 0.22 Cfs
5. Source of water supply well
6. Water to be used for Municipal Purposes
Acres to be irrigated _____
7. ^{See 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100} Water to be diverted and used in Moody County about
_____ miles _____ of in Colman.
8. Proof of Publication Received ✓
Not Received —
9. Application Approved ✓
Subject to _____
Not Approved _____
Action deferred _____

10. Remarks:



No. 241-3
 Water Division No. 5 District 1
 (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 Colman
Colman Moody S.D.
 Postoffice address _____, County _____, State _____

I. If a corporation yes

(a) Name of same City of Colman

(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)

Contract

(b) Cash on hand, \$ _____

(c) Treasury stock, \$ _____

(d) Bonds to be issued, \$ 15000

(e) Other resources, \$ _____

2. Name of diversion work city well

3. Amount of water claimed 100 GPM cubic feet per second

4. Source of water supply deep well

5. Location of point of diversion Range 50, Township 106, Section 15

_____ on W bank _____ County.

6. Annual period or periods during which water is to be used 12 months

7. To be used for:

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

(a) Number of acres to be irrigated _____ acres.

(b) Legal subdivisions to be irrigated _____

(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.) _____

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

(a) Nature of use _____
 Name any of the above uses claimed

(b) Amount of power to be generated _____ horse power.

Amount claimed for engine cooling _____

(c) Location of plant _____

(d) Method of developing power _____

(e) Point where water will be returned to stream _____

8. Estimated cost of work:

(a) Head Gates, \$.....

(b) Pumping plant, \$..4000....

(c) Fluming, \$.....

(d) Canal-earth, \$.....

Rock, \$.....

(e) Other structures

well \$ 8000

Total, \$..12,000

9. Description of diversion works:

see form 2A

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

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	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.....one.....years.

11. Time required for complete application of water to the proposed beneficial use.....years.

12. Choice of newspaper for publication of notice of Intention to appropriate

Colman Argus

STATE OF SOUTH DAKOTA

Moody

County of

ss.

I, J. E. Treloar, Mayor of the City of Colman, Moody County, S.D. 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

Subscribed and sworn to before me this

17th

day of

August

1956

Notary Public (or other qualified officer)



Surveyor's Certificate:
I, Theo. F. Meyer, a Registered Prof. Engr. & Land Surveyor of the State of South Dakota, hereby Certify that I supervised a survey in connection with the new Well located at Colman, So. Dak. same being at a point 1786 ft North and 895 ft. West of the Southeast corner of Sec. 15, Twp 106 N Range 50, Moody County, South Dakota, and that the accompanying map is a true and correct representation of such survey. Dated this 18th day of Aug. 1956.

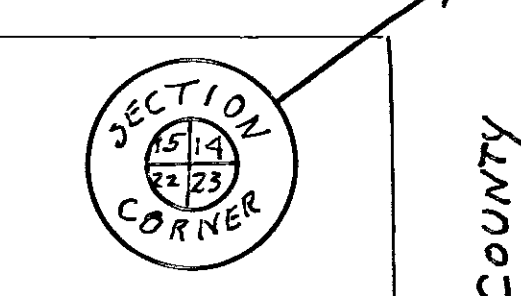
Seal Theo. F. Meyer
Reg. Prof. Engr. & Land Surveyor
State of South Dakota } ss
County of Moody. } On this 18th day of August in the year 1956, before me a Notary Public within and for said County and State personally appeared Theo. F. Meyer known to me to be person who is described in and who executed the within and foregoing instrument and acknowledged to me that he executed the same.
And also subscribed and sworn to before me this 18th day of Aug. 1956.
Cliff Harrison
Notary Public, South Dakota
My commission expires May 1, 1960

● FIRE HYDRANT
— WATER MAIN

COLMAN S. D.
WATER DISTRIBUTION MAINS
AND
PROPOSED WELL LOCATION
JULY 1956

Theo. F. Meyer
SURVEYOR

Map No. 194-3
(Appl. No. 244-3)



Remarks by State Water Resources Commission:

STATE OF SOUTH DAKOTA
County of Hughes } ss.

Pierre, South Dakota, August 22, 1956

This is to certify that the foregoing application was received by the Commission at 1130 o'clock
P.m. upon the 22 day of August, 1956

State Water Resources Commission

By:

Geo. Brimer

Chief Engineer, Executive Officer

Number of permit 244-3

Date of first receipt of application August 22, 1956

Date of return to applicant for correction, amendments or changes required as follows: _____, 19____

Date of receipt of corrected application _____, 19____

Date from which applicant may claim right August 22, 1956

Approved September 17, 1956, Recorded in Book 3 Page 208

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 _____

March 17, 1957

2nd. The whole of said work is to be completed on or before September 17, 1957

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

September 17, 1958

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

Municipal

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 0.22 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-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before September 17, 1958; said water to be used during the following described annual period:

Continuously

Witness my hand this 29 day of November, 1956

State Water Resources Commission

By:

Geo. Brimer

Chief Engineer, Executive Officer

Certificate of Construction Issued September 22, 1961

Water License Issued September 22, 1961

9. (continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 14 inches,

Depth 320 feet

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

Size of casing 12 in., Thickness of casing 0.375 in.

Length of casing 290 ft.. If collection gallery,
length, size, and depth of gallery none.

(b) Screens

Type of perforated screen wire wound

Size of perforated screen 6 in., 30 ft.
(diameter) (length)

Thickness of gravel pack 4 in., length of gravel
pack 30 ft.

(c) Water Bearing Materials

Distance to water 140 ft.

Character of water bearing materials _____
coarse sand

Thickness of water bearing material 30 ft.

(d) Pump and Motor

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

Name of pump Pamona, size 100 gpm

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

Horsepower 20

Name of motor Pamona

(e) Complete well

Capacity 100 gpm at drawdown of 45 ft.

Estimated cost \$8000

(f) Owner of land upon which well is located _____
Name

City of Colman, Colman, S.D.
Address

(g) Distance to nearest existing wells

On same Owner's property 10 rods

On property owned by others -- rods

STATE OF SOUTH DAKOTA

WATER LICENSE No. 244-3

WHEREAS, On the 22nd day of August A. D. 1956
the City of Colman

~~xx~~ County of Moody and State of
South Dakota duly made application (No. 244-3) to us for a permit to use .22
cubic feet per second of the waters of ground water
County of Moody, State of South Dakota, for municipal
purposes; and

WHEREAS, On the 17th day of September A. D. 1956
Permit No. 244-3 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 17th day of
September A. D. 1957 and for the application to beneficial use of said
water on or before the 17th day of September A. D. 1958
and,

WHEREAS, On the 19th day of May A. D. 1961
the holder of said permit duly made proof of the completion of adequate works for the diversion of .22
cubic feet per second of said waters, as evidenced by our Certificate No. 244-3
dated September 22, 1961 confirming the completion of works of sufficient capacity for
diverting and conveying to the place of intended use .22 cubic feet per second of water, with date of
priority of August 22, 1956 ~~xxx~~ and,

WHEREAS, On the 19th day of May A. D. 1961
proof was duly made of the application to beneficial use of .22 cubic feet per second of said water;
to supply municipal supplies for the City of Colman.

NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota,
We hereby grant and confirm to the City of Colman

~~xx~~ the holder and owner of said permit No. 244-3
a water right, dating from August 22, 1956 to the use of .22
cubic feet per second of the waters of Ground water

In the County of Moody and State of South Dakota, or so much thereof as may be
necessary for the purposes hereinbelow mentioned, to be diverted at a point 1786' N and 895' W of
the SE corner Section 5, T106N, R50W
and conducted ~~xxxxxxx~~ thru the city water system

for the purpose of providing municipal supplies for the City of Colman

subject, however, to the laws of the State of South Dakota applicable to a license for the use of the waters of the
State, and subject, also to the local or community customs, rules and regulations which have been or may be
adopted from time to time by a majority of the users from a common source of supply, canal or lateral from
which such water may be taken, when such rules and regulations have for their object the economical use of such
water.

WITNESS, My hand and seal of our office at Pierre, South Dakota,
this 22nd day of September A. D. Nineteen
Hundred and sixty-one.

State Water Resources Commission

By:

Chief Engineer, Executive Officer
J. W. GRIMES

STATE OF SOUTH DAKOTA

Water License No. _____

To _____

Source of Supply _____

County _____

Am't _____ c. f. s.

Point of Diversion _____

Place of Use _____

Purpose _____

Date of Priority _____

Recorded _____

In Book _____ of _____ Page _____

Permit No. 244-3Water Division No. 3 Big Sioux River Water District**Certificate of Completion of Works**

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That the City of Colman~~xxx~~ County of Moody, and State ofSouth Dakota, the holder of Permit No. 244-3, issued upon ApplicationNo. 244-3, bearing date of priority of August 22, 1956, authorizing the diversion of.22 cu. ft. per second of the waters of ground waterCounty of Moody, State of South Dakota, at a point 1736' N and895' W of the SE corner Sec. 15, T156N R50Wfor municipal

purposes, has fully complied with the provisions of the laws of the State of South Dakota relating to proof of

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 .22 cu. ft.per second of water; and that the ~~xxxxxxxxxxxxxxxxxxxxxxxxxxxx~~ use of said water are described as follows,to-wit: to be conducted through the City water system to supply municipalneeds of the city.Witness my hand this 22nd day of September A. D. 1961

State Water Resources Commission

By:

Chief Engineer, Executive Officer
J. W. GRIMES

June 22, 1956

Mr. Joe Thelen, Mayor
City of Colman
Colman, South Dakota

Dear Mr. Thelen:

We are still holding your letter of May 22, 1956,
and the enclosed check in the amount of \$5.00.

You stated in the letter that you would be opening
bids May 29, 1956, for the construction of a well and
would submit the forms 2 and 2A and the map as soon as
the well location, depth of well, and pump data were
available.

You should submit your application on the basis
of estimated information. At a later date when more
accurate information is available, you can submit it
to us in letter form and we will amend the original
application to fit the project as constructed.

Please advise us to the status of this project.

Sincerely,

J. W. GRIMES
Chief Engineer

W:ro

CITY OF COLMAN

OFFICE OF AUDITOR

COLMAN, S. DAK.

May 22, 1956

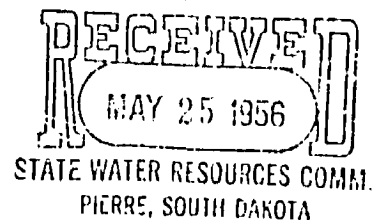
Secretary, South Dakota Water Commission
Pierre, South Dakota.

Dear Sir; The City of Colman, S.D. will open bids May 29th. 1956, for an additional water well in the same block #10, the existing well is located.

The second well is to assure a dependable supply rather than additional quantity. Bids on the proposed well will be accepted on a well at the depth of the existing well and an alternate bid on a deeper well. It is therefore impossible to completely fill out the application form no. 2 and 2 A for a well permit. A check for \$5.00 as fee for a permit is enclosed with a sketch of the new well location. The City proposes to file for the drilling permit at this time and will submit the form 2 and 2a and 24 "X36" tracing and print of the well location as soon as bids are opened and depth of well and pump data is available.

Yours Very Truly,

Joe Thelen
Joe Thelen, Mayor.



CITY OF COLMAN

OFFICE OF AUDITOR

COLMAN, S. DAK.

July 9, 1956

J.W. Grimes
State Water Resources Commission
Pierre, South Dakota

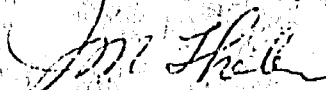
Dear Mr. Grimes:

Receipt is acknowledged of your letter dated June 22, 1956, relative to the City of Colman application for construction of a well.

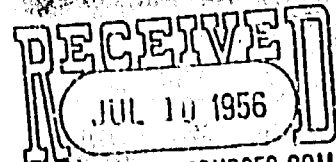
The bids received May 29, 1956 were all rejected. Present plans propose to obtain new bids on July 31, 1956.

As soon as possible after these bids are obtained, the forms 2 and 2A and plot map will be submitted to your office.

Yours very truly,



Joe Paeler, Mayor
City of Colman
Colman, South Dakota



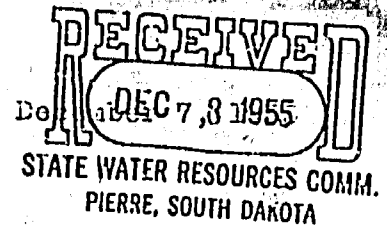
STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

CITY OF COLMAN

OFFICE OF AUDITOR

COLMAN, S. DAK.

Secretary, South Dakota
Water Resources Commission
Pierre, South Dakota



Dear Sir:

The City of Colman proposes to drill another well on city owned property adjacent to the existing water well at a different elevation. Water is to be pumped into the existing overhead tank and distribution system.

It is understood that the 1955 legislature passed certain laws concerning drilling wells within the state.

It is requested that you send copies and any applicable application forms. Also kindly advise if it is mandatory to employ a state registered engineer to prepare the plans and specifications.

It is understood that a registered land surveyor will be employed to certify the location of the proposed well on a map and tracing to accompany the application for a drilling permit.

It is understood that the State Geologist will electrically log the well.

The City Auditor proposes to write the specifications and prepare plans for piping to the existing system, to be used in bidding for the construction work.

Your assistance in obtaining an economical well at Colman will be appreciated.

Yours Very Truly,

J. H. Thelen
J. H. Thelen

Mayor, City of Colman

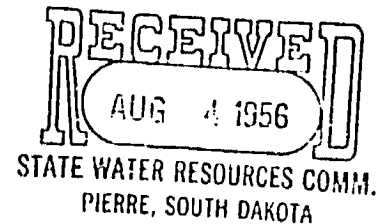
jmt-ht

H
W

SOUTH DAKOTA
STATE DEPARTMENT OF HEALTH
PIERRE

July 31, 1956

Mr. Joe M. Thelen, Mayor &
Members of the City Council
City of Colman
Colman, South Dakota



Honorable Gentlemen:

In compliance with the law of this state and the regulations of the Department of Health, two copies of revised specifications and sketch for a new municipal water well and pump at Colman, South Dakota have been submitted for review and approval of features of sanitary significance.

The original sketches and specifications, approved on May 25, 1956, provided for a water well, well pump, necessary changes to water supply piping, and well house; additional alternates provided for possible reconditioning and relocation of an existing well pump and/or rehabilitation of an existing well. The revised documents, dated July 1956, deleted all items except for the new water well and new pump and added another alternate allowing the successful bidder to choose his own method of construction, subject to certain portions of the specifications and written approval of the South Dakota Department of Health.

During the consideration of these documents a field survey has been made and the results of this survey have been taken into consideration in this review.

The specifications and sketch have been examined and except for new section 13, found to be in compliance with the minimum sanitary standards of the State Department of Health. If the well is constructed under the provisions of sections 1 or 12 of the specifications, approval is hereby granted for these improvements. However, if the well is to be constructed under the provisions of section 13, approval is contingent upon receipt, review and approval of a contractor furnished plan and specification.

In reviewing plans and specifications, the State Department of Health does not examine features of other than sanitary significance. Such other features include structural soundness, adequacy of reinforcing, quality of materials, type of workmanship, etc. The approval hereby given does not include any of these features.

Inasmuch as the satisfactory operation of these works depends to a great extent upon adequate operation and maintenance, the State Department of Health reserves the right to study operation and adequacy of facilities if at any time the system is operating unsatisfactorily, and to make such investigations and recommendations as deemed necessary to assure reasonably satisfactory operation.

C O P Y

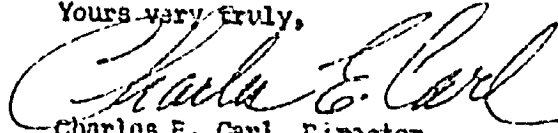
Mr. Joe H. Tholen, Mayor, Colman

Page 2

One copy of the approved plans and specifications is being sent to you for your official files and one copy is being returned for our files.

We respectfully call your attention to the Water Laws of the State of South Dakota. Section 61.0404 Appropriation of Water. Your city should apply to the Water Resources Commission, State of South Dakota, Pierre for (1) necessary water rights relative to the new well; and (2) to establish their rights for existing wells.

Yours very truly,


Charles E. Carl, Director
Division of Sanitary Engineering

CEC:jj

CC: H. E. Tholen, City Auditor
Sioux Falls District Office
Water Resources Commission, Pierre ✓

Enclosure.

C

O

P

Y

(First Publication August 25, 1956)**APPROPRIATION OF WATER**

Office of State Water Resources Commission,

Pierre, S. Dak., August 22, 1956

Notice is hereby given that the City of Colman whose postoffice address is Colman 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 0.32 cubic feet of water per second of time from ~~the~~ ground water through the City Well; the point of diversion of which is to be located ~~on the~~ 1726 feet north and 895 feet west of the SE Corner ~~XX~~ of Section 15 Twp. 106N Range 50E Said water ~~be used for the purpose of irrigating the~~ be used for municipal purposes in and for the residents of the City of Colman.

and ~~on~~ proposed

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 17th day of September, 1956, at 2:00 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:

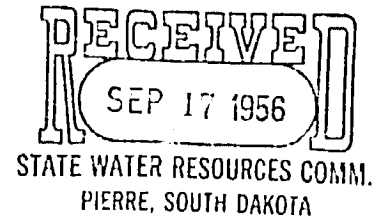
For: J. W. Wyborny, Water Engineer
Chief Engineer, Executive Officer

on: John A. Kennedy, Publisher
 The Daily Argus Leader
 Sioux Falls, South Dak.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA }
County Minnehaha } ss.A. A. ROESLER being duly sworn, deposes and says the annexed printed copy of Notice of Intention to Appropriate Water was taken from the _____SIOUX FALLS ARGUS LEADER 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 Sioux Falls County of _____Minnehaha and State of South Dakota;

that the said notice was published in said newspaper on the following dates:

August 24, 1956
August 31, 1956September 7, 1956September 14, 1956in each and every issue of the full number thereof, the first publication being made on the 24th day of August1956 and the last publication on the 14th day ofSeptember 1956, upon which days or times of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he was Controller the printer and publisher of the said newspaper.

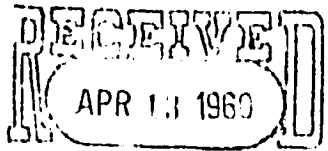
APPROPRIATION OF WATER
Office of State Water Resources Commission.
Pierre, S. Dak., August 22, 1956.
Notice is hereby given that the City of Colman whose postoffice address is Colman, S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 0.22 cubic feet of water per second of time from ground water through the City Well, the point of diversion of which is to be located 1,386 feet north and 895 feet west of the SE Corner of Section 13, Twp. 166N, Range 50E, said water to be used for municipal purposes in and for the residents of the City of Colman.

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 17th day of September, 1956, at 2:00 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: Les Wyborny,
Water Engineer For:
—J. W. Grimes,
Chief Engineer,
Executive Officer.
(Aug. 24, 31, Sept. 7, 1956)

Subscribed and sworn to before me this 14th day of September A. D. 1956.Notary Public Minnehaha County, S. D.
My Commission Expires
Aug 30, 1958

Permit No. 244-3Water Division No. 3 Big Sioux River
STATE WATER RESOURCES COMMISSION
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.)

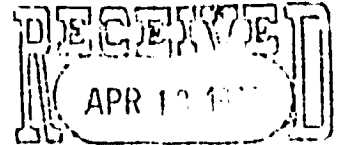
(P. O.) Colman, South Dakota(Date) April 11, 1960

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

DEAR SIR: Notice is hereby given that on the _____ day of _____
19____, at _____ County of _____ State of South Dakota,
before _____ proof will be submitted of the application to beneficial use
(Examining Engineer or Officer)
of 0.22 cubic feet per second of the waters of South Dakota.
In accordance with the terms and conditions of Permit No. 244-3
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 _____
City of Colman, South Dakota
2. The use to which said water has been applied is City residence use
3. The amount applied to beneficial use is all
4. The place where said water is used is (If for irrigation, give full and accurate description of the lands irrigated) City of Colman, South Dakota
5. The name of the canal or ditch or other works by which said water is conducted to such place of use is City well
6. The right to take the water from such works is based upon permit No. 244-3
7. The source of supply from which such water is diverted is City well
8. The date of priority which said user is prepared to establish is At once

(Sign) _____
[Handwritten signature]

Permit No. 244-3
 Water Division No. 3 Big Sioux River STATE WATER RESOURCES COM. PIERRE S.D. S.D. DAKOTA

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.) Colman, South Dakota(Date) April 11, 1960

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 100 GPM or 0.22 cu. ft. per second of the waters of the state from 320 ft through the City Well for City of Colman purposes City residence use 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 Colman, South Dakota
2. The postoffice address of such person or the place of business of such corporation is Colman County of Moody State of South Dakota
3. The number of such permit is 244-3 and the date set for the completion of such work is September 17, 1958
4. Said water to be used for City Residence use 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 0.22 continuously cubic feet per second.
6. The amount of land for which said water is available is _____ acres, particularly described as follows: 1786 ft N and 895 ft W of the SE Cor, Sec 15, T106N, R 50E

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

City of Colman

(Signature of Owners)

[Signature]
[Signature]

Permit No. 244-3BIG SIOUXWater Division No. 3RIVER Water District**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 APRIL 11 1944, I have this day made a thorough examination of the diversion works constructed by CITY E. F. COLEMAN, of COLEMAN MOODY County, South Dakota, holder of Permit No. 244-3, issued upon Application No. 244-3, bearing date of priority of Aug 22, 1936, authorizing the diversion of 22 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: FAIRBANKS MENSE PAMONA PUMP15 HP # ALL 133and the system is in the following condition: EXCELLENT

The point of diversion is located _____

The works are capable of diverting and conveying to the place of use 22 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 ALL

The utilization for power, milling, or other beneficial use comprises: _____

Witness my hand, this 19 day of May, A. D. 1944

—SEAL—

Examining Engineer.



DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-1001

December 17, 1990

TOWN OF COLMAN
BOX 54
COLMAN SD 57017

Dear SIR :

A well drillers report filed LTP ENTERPRISES INC. states you recently completed a new well. This letter outlines your responsibilities as a new well owner.

1. If your new well was drilled as a replacement well and if you do not plan to use the old well, the old well is considered abandoned. All abandoned wells must be plugged by a licensed well driller. If the old well is not to be abandoned, or will be used, the well must be sealed or capped at the surface.
2. Following completion of any new well for domestic use, a water quality sample must be collected and submitted to a laboratory approved by the department. If the well flows or if the well driller installs the pump, the well driller is required to collect and submit the water quality sample. If the pump is not installed by the well driller, the owner must collect and submit the water sample. At a minimum, the water sample needs to be analyzed for nitrate, coliform bacteria, sodium, conductivity and sulfate. Other contaminants may be analyzed for at the option of the well owner or driller. The completed analysis must be submitted to the department within thirty days after the submittal of a well completion report. The owner or well driller pays for the cost of all analyses.
3. Any flowing well must be controlled by the owner to produce only the amount of water needed and to prevent waste.
4. A water permit must be obtained for any use, except for private domestic use that does not exceed 25 gallons per minute or 26,000 gallons per day. Based on the information we have, you may need a water permit. Since we have no record of a water permit for this well, I am enclosing application forms and an instruction sheet. Please complete the application and submit it with the required fee to the "Water Rights Division, Joe Foss Building, 523 E. Capitol, Pierre, SD 57501" by January 18, 1991.

If you have any questions regarding SD Water Law, please feel free to contact Regan Fanning (605-773-3352).

Very truly yours,

RON DUVAL, Natural Resources Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division
enclosure

SOUTH DAKOTA WATER WELL COMPLETION REPORT

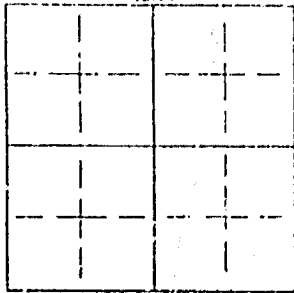
10-85

Location _____ Sec _____ Twp 106 Rg 50

County

Moody

North



Please mark well location with an "X"

In the City of Colman - 10' South of Pump HouseWell Completion Date 5-10-90

PROPOSED USE:

☐ Domestic ☒ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Rotary

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>40.48</u> LB/FT	<u>10</u> IN	<u>21</u> FT	<u>340</u> FT	<u>15</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 280 FEETWhat is grouting material? CementIf cement, number of sacks? 195

Describe grouting procedure _____

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 6" T IN Length 15' FEETMaterial Stainless SteelSlot Size 40 Set From 280 Feet To 295 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☒ YES ☐ NO

Explain _____

Bacteriological analysis ☒ YES ☐ NO

Laboratory sent to _____

Well Owner

Name City of ColmanAddress Box 54Well Log Colman, SD 57017 Depth _____

Formation

Log attached

From

To

STATIC WATER LEVEL 148.5 Feet

If flowing, closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped☐ Bailed

Describe: _____

☐ Other _____

Pumping Level Below Land Surface

184.28 ft. After 24 Hrs. pumped 128 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 381

And this report is true and accurate.

Drilling firm LTP Enterprises Inc.

Signature of License Representative:

Leonard T. Rulph

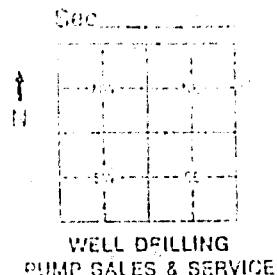
Signature of Well Owner:

Date 11/30/90



Box 9035
Fargo, ND 58106

Phone (701) 232-8928



DRILLERS LOG

Drilled for City of Colman, SD by Fargo Office
Location of property In the City of Colman, S.D.
Test hole No. 1 Location of test hole 10' South of Pump House Well No.
Size of test hole 6 1/2 Date started 2-8-90 Date completed 2-12-90 Total Hours 12 1/2

FORMATIONS DRILLED

TYPE OF FORMATION	COLOR OF FORMATION	STARTED AT WHAT DEPTH	ENDED AT WHAT DEPTH	THICKNESS OF FORMATION
Top soil	black	G.L.	1'	1'
clay	yellow	1'	17'	16'
clay	brown	17'	27'	10'
clay	grey	27'	60'	33'
sandy clay	grey	60'	141'	81'
sandy clay	brown	141'	173'	32'
sandy clay	brown	173'	179'	6'
sand	brown	179'	181'	2'
sandy clay	brown	181'	205'	24'
sandy clay	grey	205'	279'	74'
sand	brown	279'	294'	15'
sandy clay	grey/brown	294'	303'	9'
sand	brown	303'	305'	2'
sandy clay	grey/brown	305'	306 1/2'	1 1/2'
sand	brown	306 1/2'	308'	1 1/2'
sandy clay	grey/brown	308'	334'	26'
sandy	grey	334'	340'	6'
sandy clay	grey	340'	347'	7'

Signed Randy Heiraas Driller



Main Office:

Box 9035
Fargo, ND 58105

Branch Office:
Box 86
Hutchinson, MN 55350
Phone (612) 587-4400



WELL DRILLING
PUMP SALES & SERVICE

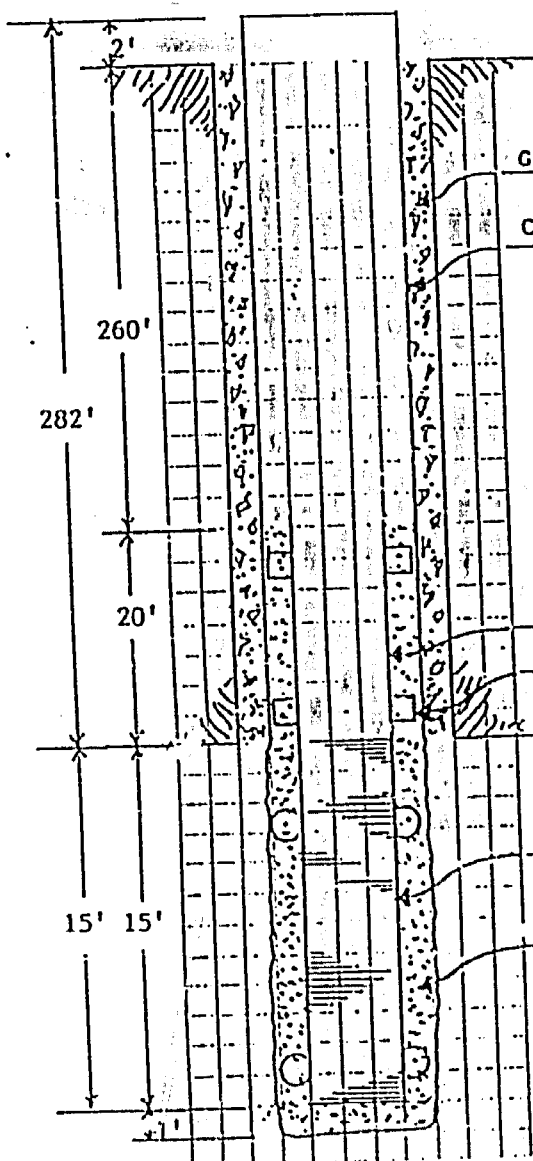
COMPLETION REPORT

Owner City of Coleman, S.D. Location In City - 10 Ft. West of Pump House

Date Started Proposed Date Completed To be drilled

Type of Drilling Equipment Rotary

Static Water Level 148' Pumping Rate Est. 100 G.P.M. Drawdown Est. 50'



Total Depth	294'
Total Casing	282'
Size of Casing or Casings	10" TD
Weight of Casing or Casings	40.48
Hole Size	15"
O.D. of Casing	10 3/4"
Cement (No. of Bags)	195
Type of Screen	Johnson Stainless Steel
Length of Screen	15' O.D. 5 5/8" I.D. 5"
Slot opening of Screen	40
Length of Leader	20' O.D. 6 5/8" I.D. 6.35"
Type of Leader	304 Stainless Steel
Packer	None
Underream Size	10"
Filter Pack Size	#30 Red Flint Silica
Cubic Ft. of Filter Pack	15 Bags
Development Method	High pressure jetting and pumping with air.

Remarks: Well shall be completed with a Monitor Pitless Unit and Submersible Pump.

No Scale

Well Specifications



Mobilization

Shall include the moving in and out of all necessary equipment and man power to construct the well.

Drilling 15" Hole

The hole shall be drilled from ground level to the top of the water producing aquifer. Total depth shall be 280 feet. The hole shall be drilled so as to allow the installation of the 10" casing without using undue force and to allow the grouting of the casing in the hole.

Furnishing and Installing 10" Well Casing

10" New black steel pipe 40.48 lb. 1.365 Wall A53 Grade B or H 120 shall be installed to a depth of 280 feet. The pipe shall meet State and N.W.W.A. requirements as specified for well casing. The pipe shall be joined together by welding, the welding shall be performed by experienced personnel. After installation the pipe shall be true to line. It shall be grouted the full length.

Grouting

The casing shall be grouted the full length with neat cement grout. The grout shall be installed through the casing followed by a plug and displaced from the bottom of the casing upward in the open hole by pumping water after the plug. After the grout is displaced the well shall be left undisturbed for a period of 24 hours to allow the grout to set up. The grout shall be portland cement mixed with six gallons of water per bag of cement.

Drilling Screen hole

After the grout is set up the plug and any remaining cement in the casing shall be drilled out and the 10" hole shall be continued through the water bearing formation. After the drilling is completed the fluid shall be cleaned up and the hole prepared for the setting of the screen.

Furnishing and Installing Well Screen - Leader and Pack Sand

The screen shall be Johnson wire wound screen designed to with stand the pressures of the depth at which installed. It shall be constructed of 304 stainless steel. The bottom of the screen shall be sealed by a 304 stainless steel plate. The top of the screen shall be fastened to the leader pipe by welding with stainless steel welding rod. The screen shall be 15 feet in length and 6" nominal outside diameter. It shall be fitted with centering guides at the bottom and the top to assure even distribution of the pack sand between the screen and the 10" hole.

Leader Pipe

There shall be installed above the screen a 6" standard steel leader which shall extend up into the casing 20 feet. It shall be equipped with centering guides to keep it concentric in the casing. The top of the leader shall be equipped with a left hand screw threaded coupling to allow for the setting of the screen in place and to hold it in place until the pack sand is installed. At that time the holding pipe will be unscrewed.

Pack sand

Pack sand shall be installed in the annulus between the screen and the 10" hole and between the 6" leader and the 10" casing. The pack sand shall be graded Red Flint Silica sand as manufactured by American Materials of Eau Claire, Wisconsin. The sand shall be maintained within two feet of the top of the leader at all times during developing and shall be brought up to the top of the leader upon completion of developing.

Development of Well

The well shall be developed by high pressure water jetting and pumping with air. A jetting tool designed to direct the water directly at the screen utilizing pressures of 200 to 300 lbs. The tool shall be made so that the nozzles will be within 1" of the screen at all times while jetting. The jetting tool shall be rotated slowly while being raised from the bottom of the screen to the top very slowly to assure full coverage of the screen. The well shall be pumped with air at the same time to remove any fines as they are brought into the bore by jetting. This procedure shall be repeated as long as fines are being removed. Chemical additives and chlorine shall be added to the jetting water while developing to aid in development and sterilization of the well.

Test Pumping of Well

A pump capable of pumping up to 250 G.P.M. shall be furnished and installed. The well shall be pumped at a continuous rate as determined by preliminary testing. The pump shall be equipped with prime mover, orifice & wier or meter and a valve to regulate the rate of pumping. The test shall be conducted by measuring the pumping level at the following schedule.

First 10 Minutes	Every Minute
Next 20 Minutes	Every 3 Minutes
Next 30 Minutes	Every 5 Minutes
Next 60 Minutes	Every 20 Minutes
Next 60 Minutes	Every 30 Minutes
Remainder of Test	Every hour

The test shall continue for a period of 24 hours. Upon the completion of test pumping the pump shall be removed and the well chlorinated and capped.

Pitless Unit

A Monitor Pitless Unit Model Number ZPS1014MEWE0ETCE shall be furnished and installed on the well. The area around the well shall be excavated to a depth necessary to install the pitless unit so that a 7 ft. bury of the pipe line will be allowed. The casing shall be cut off and the pitless unit attached to the casing by welding.

Pump Installation

After the pitless unit and the pipe line is installed, the pump shall be removed from the well to be abandoned and installed in the new well. An airline shall be furnished and installed on the pump along with an altitude gauge on the pitless unit to allow for water level measurements.

Pipe Line

The area from the pitless unit to the existing pump house shall be excavated, a 4" ductile iron or P.V.C. line shall be installed into the building by going under the footings and up through the floor of the pump house. The line shall be connected to the existing line in the pump house as per drawing. The line shall be covered with clean sand and the excavation back filled.

Electrical

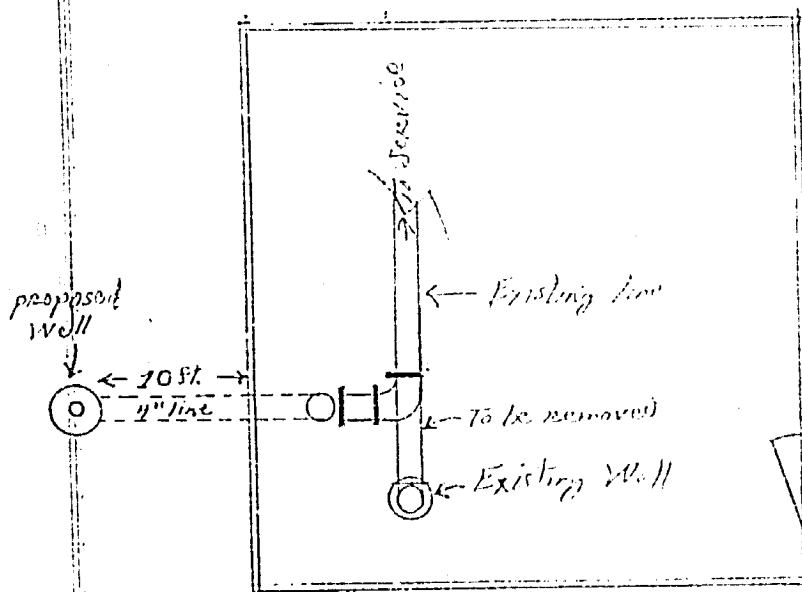
An Electrical power line shall be installed from the existing controls to the new well. It shall be installed in conduit from the pitless unit to the existing controls.

Abandonment of existing Well.

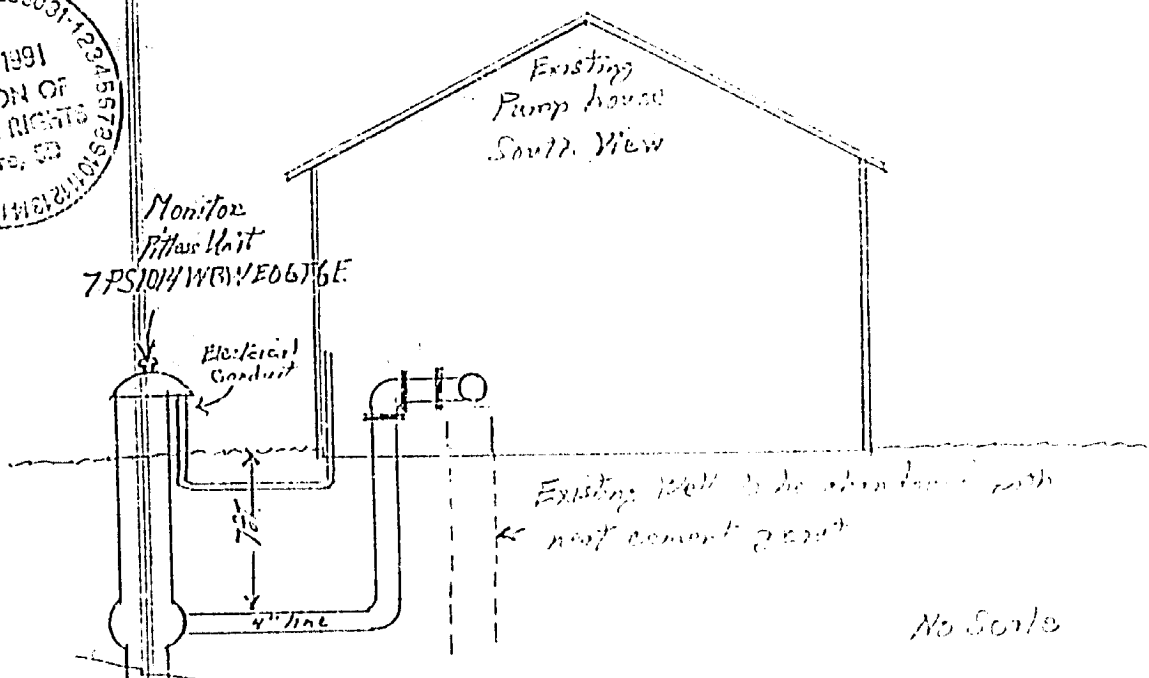
After the pump has been removed the well shall be chlorinated and the screened area of the well shall be filled with clean washed sand. The remainder of the well shall be filled with cement grout to the surface.

City of Coleman, SD New Well layout Proposed

Existing Pump house Top View



Existing
Pump house
South View





DEPARTMENT OF WATER & NATURAL RESOURCES

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

January 29, 1991

Svend Iversen, Mayor
Town of Colman
Box 54
Colman SD 57017

Dear Mr. Iversen:

After reviewing the water permit application submitted on January 28, 1991 for the Town of Colman, it appears that a new application is not necessary. SDCL 46-5-13.1 states that the location of a point of diversion may be changed a distance up to 660 feet, if the new point of diversion is the same source of water. The depth of the new well appears to be approximately the same as the original well. The diversion rate from this replacement well can not exceed 100 gallons per minute or 0.22 cfs as stated on Water License No. 244-3 (copy enclosed).

As stated in the letter dated December 17, 1990 from Ron Duvall of this office, since the well is a replacement well, the old well is considered abandoned and must be plugged by a licensed well driller.

If you have any questions, please contact this office.

Sincerely,

Karen Schlaak

Karen Schlaak
Natural Resources Analyst
605 773-3352

enclosure

January 17, 2001

2000 South Dakota Water Use Questionnaire

To:

CITY OF COLMAN
MAYOR, PO BOX 54
COLMAN SD 57017

Address correction requested:

City of Colman
P.O. Box 54
Colman, SD 57017

One questionnaire is being provided for each permitted water source. The following information is based on Water Permit/Right No. 244-3. If you have other permits/rights in the same water source, also include water use under those permits/rights on this questionnaire.

Water Source: GROUNDWATER
Aquifer: HOWARD
Management Unit: NOT APPLICABLE

County: MOODY
Pumping Pt. Legal: SEC 15-T106N-R50W
Type of Water Use: MUNICIPAL

- 1) Please estimate your year 2000 water use from the above water source: 0 gallons
2) If no water use in 2000, please list the reason(s) why in the comments section.

Comments:

We are on Big Sioux Rural Water -
this is a hook-up.

Contact Person:

Donald Bennett

Telephone No:

(605) 534-3611

Questions? Please call Mark Rath or Ron Duvall at 605 773-3352 for assistance.

Thank you for completing the 2000 water use questionnaire.

Water Rights on the Web: www.state.sd.us/denr/wr

