

No. 555-5Water Division No. 3 Missouri River District
(Blanks to be filled by the Engineer for the W. R. C.)

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

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

1. Name of applicant City of Armour
Postoffice address ARMOUR, County Douglas, State South Dakota

I. If a corporation Yes(a) Name of same City of Armour(b) Date and place of incorporation June 1886 at Armour, S.D.

(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)

(b) Cash on hand, \$

(c) Treasury stock, \$

(d) Bonds to be issued, \$

(e) Other resources, \$

2. Name of diversion work

3. Amount of water claimed Unknown 0.50 cubic feet per second4. Source of water supply Four drilled wells5. Location of point of diversion Tobacco and Elberta Addy to Armour, S.D.
and Well #4 in the SW 1/4 of Sec. 2, T7N R63W County.6. Annual period or periods during which water is to be used Year around basis

7. To be used for:

1. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? Gravity, with pump

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

(b) Legal subdivisions to be irrigated City of Armour

(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.) SE 1/4 1-28-64; W 1/4 7-28-63 and
East 1/4 12-28-64, all in Douglas County, South Dakota.

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

(a) Nature of use Domestic use; fire protection and public recreation.
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) At what place water will be returned to stream _____

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.)

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 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 The Chronicle.Armour, South Dakota.

STATE OF SOUTH DAKOTA

County of Douglas

ss.

I, R.E. Palmer, City Auditor, Armour, S. Dakota, 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

R.E. PalmerSubscribed and sworn to before me this 25th day of October 1958W.C. Zeitner
Notary Public (or other qualified officer.)

W.C. Zeitner

Remarks by State Water Resources Commission:

"Vested Right" claimed

STATE OF SOUTH DAKOTA

County of

Hughes

South

November 21, 1958

This is to certify that the foregoing application was received by the Commission at 9:00 o'clock

9 m. upon the 31 day of October, 1958

State Water Resources Commission

By:

J. O. R. [Signature]

Chief Engineer, Executive Officer

Vested Right
Number of permit 555-3

Date of first receipt of application

October 31, 1958

Date of return to applicant for correction, amendments or changes required as follows: November 21, 1958

Date of receipt of corrected application December 16, 1958

Date from which applicant may claim right 213 cfs. From May 13, 1933, 0.13 cfs. from 1934, 24, 1958-9

Approved January 27, 1959, Recorded in Book 5-5 Page 5-5

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

Completed, 1958

2nd. The whole of said work is to be completed on or before

Completed, 1958

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

Completed, 1958

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 0.50 cfs. The amount of the appropriation shall not exceed the capacity of the above described system of diversion works, 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

Completed, 1958; said water to be used during the following described annual period:

Continuously

Witness my hand this

16

day of

February, 1959

State Water Resources Commission

By:

J. O. R. [Signature]

Chief Engineer, Executive Officer

Certificate of Construction Issued

February 16, 1959

Water License Issued

February 16, 1959

Form 2A — Wells (Supplement to Form 2)

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 10"-8", Depth 450'
Type of casing Steel
(wood, concrete, steel, etc.)
Size of casing 10"-8", Thickness of casing 1/4 inch
Length of casing 16' each If collection gallery, length, size and depth of
gallery

(b) Screens

Type of perforated screen sand
Size of perforated screen regular sand screen 16" 16'
(diameter) (length)
Thickness of gravel pack length of gravel pack

(c) Water Bearing Materials

Distance to water 180' Character of water bearing materials
Sand rock
Thickness of water bearing material about 20'

(d) Pump and Motor

Type of pump turbine
(centrifugal, propeller, mixed flow, etc.)
Name of pump Pamona, size 10 GPM
Kind of motor Electric
(gasoline, electric, diesel, etc.)
Horsepower 15 HP Name of Motor Westinghouse

(e) Complete well

Capacity 75 GPM at drawdown of 6' Estimated cost

(f) Owner of land upon which well is located City of Armour
Name
Armour, S.D.
Address

(g) Distance to nearest existing wells

On same owner's property 5 rods. On property owned by others 100 rods

Form 2A -- Wells (Supplement to Form 2)

Well # 7
D. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 10", Depth 450'
Type of casing Steel
(wood, concrete, steel, etc.)
Size of casing 8"-6", Thickness of casing 3/8"
Length of casing 16' If collection gallery, length, size and depth of
gallery

(b) Screens

Type of perforated screen Sand
Size of perforated screen Regular sand screen, 16"
(diameter) (length)
Thickness of gravel pack, length of gravel pack

(c) Water Bearing Materials

Distance to water 180' Character of water bearing materials
Sand rock
Thickness of water bearing material about 20'

(d) Pump and Motor

Type of pump Turbine
(centrifugal, propeller, mixed flow, etc.)
Name of pump Pemona, size 75GPM
Kind of motor Electric
(gasoline, electric, diesel, etc.)
Horsepower 10 HP, Name of Motor Westinghouse

(e) Complete well

Capacity 60 GPM at drawdown of 6' Estimated cost

(f) Owner of land upon which well is located City of Armour, S.D.
Name
Armour, S.D.
Address

(g) Distance to nearest existing wells

On same owner's property 5 rods. On property owned by others 100 rods

Well # 3
9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 8", Depth 450'
Type of casing Steel
(wood, concrete, steel, etc.)
Size of casing 6" x 8", Thickness of casing 3/4"
Length of casing 16'. If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen Sand
Size of perforated screen Regular sand screen 16"
(diameter) (length)
Thickness of gravel pack, length of gravel pack

(c) Water Bearing Materials

Distance to water 180'. Character of water bearing materials
Sand rock

Thickness of water bearing material About 20'

(d) Pump and Motor

Type of pump Turbine
(centrifugal, propeller, mixed flow, etc.)
Name of pump Pumaona, size 7 1/2 HP 75 GPM
Kind of motor Electric
(gasoline, electric, diesel, etc.)
Horsepower 7 1/2, Name of Motor Westinghouse

(e) Complete well

Capacity 60 GPM at drawdown of 6'. Estimated cost

(f) Owner of land upon which well is located City of Armour,
Name

Armour, S.D.

Address

(g) Distance to nearest existing wells

On same owner's property 5 rods. On property owned by others 100 rods

W/2 11 E 4
9. (Continued) Artesian well. Used for recreational use and fire protection only.

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 3", Depth 260'

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

Size of casing 16" 3", Thickness of casing 3/16"

Length of casing 16'. If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen None

Size of perforated screen None
(diameter) (length)

Thickness of gravel pack, length of gravel pack

(c) Water Bearing Materials

Distance to water 200'. Character of water bearing materials

Artesian well. Many characteristics unknown.

Thickness of water bearing material 70'

(d) Pump and Motor

Type of pump None. Artesian well.
(centrifugal, propeller, mixed flow, etc.)

Name of pump, size

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

Horsepower Name of Motor

(e) Complete well

Capacity 30 GPM at drawdown of Estimated cost

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

Armour, S.D.
Address

(g) Distance to nearest existing wells

On same owner's property 3/4 miles. On property owned by others 3/4 miles

STATE OF SOUTH DAKOTA

WATER LICENSE No. 555-3

WHEREAS, On the 31st day of October A. D. 1959

The City of Armour

of Armour County of Douglas and State of South Dakota duly made application (No. 555-3) to us for a permit to use Vested Right 0.50

cubic feet per second of the waters of ground water

County of Douglas, State of South Dakota, for municipal purposes; and

WHEREAS, On the 16th day of February A. D. 1959
Vested Right recognizing
 Permit No. 555-3 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~~ XXXXXX

in 1930, 1945, June 1954 ~~XXXXXX~~ and ~~XXXXXX~~ application to beneficial use of said
and May 13, 1955 ~~XXXXXX~~ water on or before the in 1930 ~~XXXXXX~~ 1945, June 1954 and May 13, 1955
 and,

WHEREAS, On the 31st day of October A. D. 1958
Vested Right
 the holder of said permit duly made proof of the completion of adequate works for the diversion of 0.50

cubic feet per second of said waters, as evidenced by our Certificate No. 555-3
 dated February 16, 1959 confirming the completion of works of sufficient capacity for
 diverting and conveying to the place of intended use 0.50 cubic feet per second of water, with date of
 priority of 1930, 1945, June 1954 and May 13, 1955 ~~XXXXXX~~

WHEREAS, On the 31st day of October A. D. 1958
 proof was duly made of the application to beneficial use of 0.50 cubic feet per second of said water;
in the municipal water distribution system of the City of Armour.

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 Armour

of Armour, South Dakota the holder and owner of said license No. 255-3
1930 for 0.17 c.f.s.; 1945 for 0.13 c.f.s.; June 1954 for 0.07 c.f.s.
a water right, dating from And May 13, 1955 for 0.13 c.f.s. to the use of 0.50

cubic feet per second of the waters of ground water

In the County of Douglas and State of South Dakota, or so much thereof as may be

necessary for the purposes hereinafter mentioned, to be diverted from Lot 10, Block 45 of Johnson
and Floates Addition to Armour, S.D. and the
S $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 7, T 98 N, R 63 W

and conducted to the residents of the City of Armour

for the purpose of municipal use

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 16th day of February A. D. Nineteen
Hundred and Fifty-nine

State Water Resources Commission

By:

J. W. GRIMES, Chief Engineer, Executive Officer

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. 555-3

Missouri
Water Division No. 3 River Water District

Certificate of Completion of Works

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That The City of Armour

of Armour, County of Douglas, and State of South Dakota

the holder of Permit No. 555-3, issued upon Application May 13, 1955 for 0.15 c.f.s.; 1945 for 0.13 c.f.s.; No. 555-3, bearing date of priority of 1930 for 0.17 c.f.s. and June 1954 for 0.07 c.f.s.; authorizing the diversion of 0.50 cu. ft. per second of the waters of ground water

County of Douglas, State of South Dakota, at in Lot 10, Block 45 of Johnson and Floetes Addition to Armour, S.D. and the S $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 7 T. 98N, R. 63W, for 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 0.50 cu. ft.

per second of water; and that the use of said water are described as follows,

to-wit: to furnish water for the municipal distribution system of the City of Armour.

Witness my hand this 16th day of February A. D. 1959

State Water Resources Commission:

By:

J. W. GRIMES,

Chief Engineer, Executive Officer

Location No. 252-3Water Division No. 3Water District 1111

Proof of Application of Water for Official Use

PETITION OF HOLDER

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

Ans. R.E. Palmer, City Auditor, Armour, South Dakota

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 Armour, Armour, Douglas County, South Dakota.

By R.E. Palmer, City Auditor.

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

Ans. None

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

Ans. Drilled wells. 3 wells located in N¹SE¹SE¹ 12-98-64 and one well located in S¹NW¹NW¹ 7-98-64.

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. Not applicable

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. Domestic use; fire protection and public recreation within the city of Armour, South Dakota.

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

Ans. Not applicable

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

Ans. 70,000,000 gallons annually

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. City of Armour has never been issued a permit.

Ans. Not applicable

Ans. Not applicable

011172 = 60 gpm - 130 ft - 1945
 011173 = 60 gpm - 130 ft - May 13, 1955
 011174 = 75 gpm - 170 ft - 1930
 011175 = 30 gpm - 109 ft - June 1954
 775 gpm - 560 ft

City of Armour, S.D.
(Sign) By: *P. E. Palmer*
City Auditor

State of South Dakota, on this 25th day of October A. D. 1958

Witnesses.

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.

Walter Babelsberg
Richard Kreyer

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 _____

1/26/59

talked w/ Joe and
he said that we could
consider well #3 as
also qualifying for a
"Vested Right" and to
take the date of the 1st
adv. of the invitation
for bids as the priority
date.

JAC

Shown below is a drawing of Lot 10 in Block 45 of Johnson & Floete's Addition to Armour, Douglas County, South Dakota, not drawn to scale, showing the relative positions of those wells belonging to the City of Armour, South Dakota, used for drinking, fire protection, etc.

Well designated as No. 1, etc is so marked on plot and so marked on the enclosed Forms 2A.

Well No. 4 is that which is used for recreational and fire protection purposes and is located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of 7-01-63 in Douglas County, South Dakota within the corporate limits of the City of Armour, South Dakota.

The City of Armour wishes to apply for a permit to cover the total capacity of its wells which is 225 gallons per minute.

Well No. 1 was constructed in 1930; No. 2 in 1945; No. 3 in August of 1955 and No. 4 in June of 1954.

July 18

W. J. For 615
May 13, 1955

Well # 2
XX

Well # 3
XX

Well # 1
XX

Lot 10 Block 45 of Johnson & Floete's
Addition to Armour, S.D.

SOUTH DAKOTA
Department of
Water & Natural Resources

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

JUN 13 1989

Larry R. Fuller, Mayor
City of Armour
PO Box 455
Armour SD 57313

Dear Mayor Fuller:

The Water Management Board has validated the enclosed Vested Water Right No. 555-3. 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 VESTED WATER RIGHT CLAIM NO. 555-3

Date Claim Accepted For Filing October 31, 1958.

Date of Validation May 10, 1989.

Pursuant to SDCL 46-2A-17 the Water Management Board validated Vested Water Right Claim No. 555-3 for the City of Armour, PO Box 455, Armour, South Dakota 57313 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 555-3 appropriates 0.17 cubic feet of water per second (cfs) from Well No. 1, 0.13 cfs from Well No. 2, 0.13 cfs from Well No. 3 all approximately 450 feet deep and 0.07 cfs from Well No. 4 approximately 860 feet deep. Well Nos. 1, 2 & 3 are located in the E 1/2 SE 1/4, Section 12, T98N, R64W. Well No. 4 is located in the NW 1/4 NW 1/4 of Section 7, T98N, R63W.
2. The appropriated water is used for supplying water for the City of Armour 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 dates of the Vested Water Right are: Well No. 1 - 0.17 cfs, January 1, 1930. Well No. 2 - 0.13 cfs, January 1, 1945. Well No. 3 - 0.13 cfs, May 13, 1955. Well No. 4 - 0.07 cfs, June 1, 1954.
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: _____

John Hatch
Chief Engineer

JUN 13 1989

_____ date

Division of Water Rights
Dept. of Water and Natural Resources