Water Division No. 2

(Planks 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.)

I. Name of applicant City of MurdoPostoffice address Murdo County Jones State So. Dak.1. If a corporation Municipal Corporation(a) Name of same City of Murdo(b) Date and place of incorporation Unknown

(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)

Work Completed about 1932.

(b) Cash on hand, \$

(c) Treasury stock, \$

(d) Bonds to be issued, \$

(e) Other resources, \$

2. Name of diversion work Murdo City Dam3. Amount of water claimed 117.3 cubic feet per second 1734. Source of water supply Surface diversion5. Location of point of diversion NW 1/4 Sec. 36, Twp. 1 South, Range 28 740 feet East and 120 feet South of the NW corner of Section 36, Township 1 South, Range 28 E.B.H.M.6. Annual period or periods during which water is to be used Used year around

7. To be used for:

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

(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.) Used for Municipal Water supply, in the city of Murdo, South Dakota, and some of the people immediately out of the city limits.

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

(a) Nature of use Fire protection and public recreation.

Name any of the above uses claimed

(b) Amount of power to be generated None 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

Map No. 579-2

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.)

Dam

II. Dimensions of works:

(a) Dam: Height 40.5 feet; length at bottom 278 feet; length at top 185 feet; thickness at bottom 280 feet; thickness at top 13 feet; slope at front water face 3:1 to 1:0; slope at back face 3:5 to 1:0; material used in construction Earth
 (b) Reservoir: Capacity when filled 3.456 acre feet. Surface area at highwater mark 105.5 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 two years years.
 12. Choice of newspaper for publication of notice of intention to appropriate Murdo Coyote, Murdo, S.D.

STATE OF SOUTH DAKOTA

County of Jones

ss.

I, Don Parish, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of Mayor; 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.

ATTEST:

J. A. Reynolds
 Notary Public

Signed By:

City of Murdo
Mayor

Subscribed and sworn to before me this 6th day of May, 1957.

Notary Public (or other qualified officer.)

PROFILE AND X-SECTIONS.

MURDO DAM

MURDO, SO. DAKOTA - NW⁴ SEC 36 - 1 S - 28 E

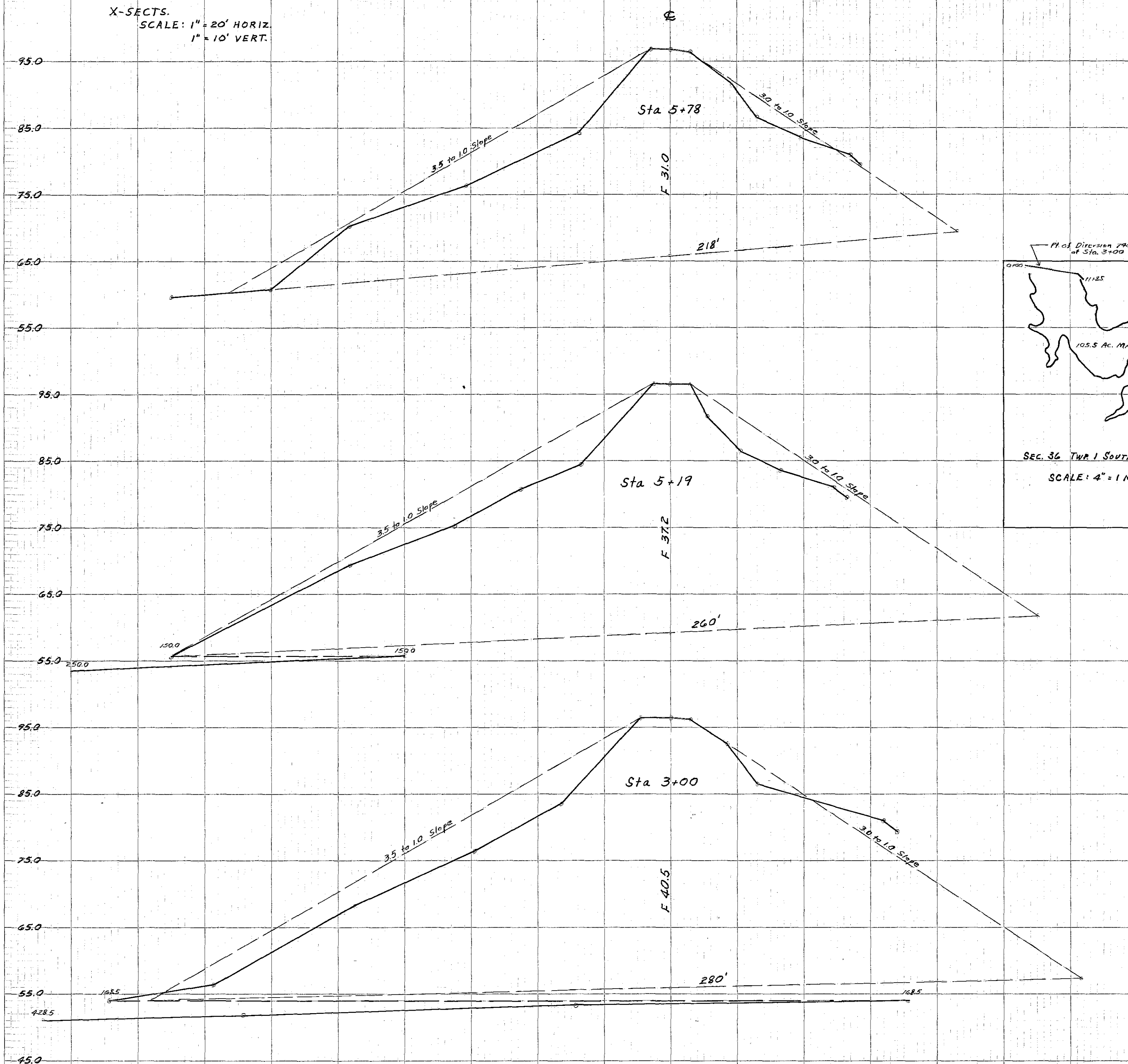
M. S. Argabright

GRADE ELEVATIONS.
SCALE: 1" = 100' HORIZ.
1" = 10' VERT.

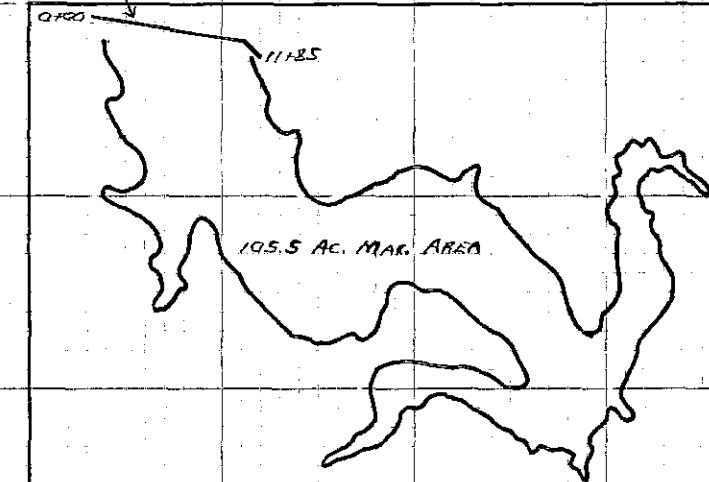
0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00 11+00 11+85

Avg. Elev. = 970

X-SECTS.
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.



Place Division 790' East - 120' South of NW⁴ Corner Sec. 36 T1S R28E at Sta. 3+00



SEC. 36 TWP. 1 SOUTH RANGE 28 EAST

SCALE: 4" = 1 MI.

MURDO DAM
MURDO, SO. DAKOTA.

Sec. 26-15-28E Sec. 25-15-28E
Sec. 26-15-28E Sec. 26-15-28E
Sec. 26-15-28E Sec. 26-15-28E
Sec. 26-15-28E Sec. 26-15-28E



SCALE: 8" = 1 MI.

Sec. 26-15-28E Sec. 26-15-28E
Sec. 26-15-28E Sec. 26-15-28E
Sec. 26-15-28E Sec. 26-15-28E
Sec. 26-15-28E Sec. 26-15-28E

NOTES:

- (1) B.M. 1 Top Concrete Wall Containing Plug at West End Dam at Sta 0+00 Elev. = 100.00
- (2) B.M. 2 Top Steel Stake in Spillway Subst. Elev. = 87.78
- (3) B.M. 3 Top N.W. corner Foundation Pump House Elev. = 71.00
- (4) Location Point of Division 790' East and 120' South NW Corner Sec. 36 Twp. 1 South Range 28 East
- (5) Location Pumping Station 575' South and 620' East NW Corner Sec. 36 Twp. 1 South Range 28 East
- (6) Surface Area of Max. Water Elev. = 103.5 Ac.
- (7) Storage Capacity of Reservoir = 1950 Ac.Ft.
- (8) Area of Watershed = 4,250 Ac.
- (9) Max. Depth Reservoir = 54.5 Ft.
- (10) Elevation Emergency Spilling 88.5 ; Dam Grade 97.0

Remarks by State Water Resources Commission:

"Vested Right" claimed

STATE OF SOUTH DAKOTA

County of

Aurifer

ss.

Pierre, South Dakota,

May 21, 1959

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

9 a.m. upon the 7 day of May, 1959

State Water Resources Commission

By:

Joe Brimmer

Chief Engineer, Executive Officer

Vested Right

Number of permit 536-2

Date of first receipt of application May 7, 1959

Date of return to applicant for correction, amendments or change required as follows: May 15, 1959

Date of receipt of corrected application May 19, 1959

Date from which applicant may claim right 1932

Approved May 20, 1959, Recorded in Book 5, Page 159

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, 19

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

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

Completed, 19

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 0.38 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 or for use during the following described annual period:

Continuously

Witness my hand this 3 day of July, 1959

State Water Resources Commission

By:

Joe Brimmer

Chief Engineer, Executive Officer

Certificate of Construction Issued

July 3, 1959

Water License Issued

July 3, 1959

STATE OF SOUTH DAKOTA

WATER LICENSE No... 536-2...

WHEREAS, On the 7th day of May A. D. 1959

the City of Murdo

of Murdo County of Jones ~~Vested Right~~ and State of South Dakota duly made application (No. 536-2) to us for a permit to use 0.38 cubic feet per second of the waters of White Clay Creek County of Jones, State of South Dakota, for municipal purposes; and

~~Vested Right~~ WHEREAS, On the 3rd day of July A. D. 1959 Permit No. 536-2 was issued to said applicant, recognizing for the diversion of said water, and ~~providing~~ during completion of the works of diversion therein described ~~xxx~~ or before ~~xxx~~ during 1932 ~~xxx~~ and ~~xxx~~ application to beneficial use of said water ~~xxx~~ or before the 1932 ~~xxx~~ and, during

WHEREAS, On the 7th day of May A. D. 1959 the holder of said permit duly made proof of the completion of adequate works for the diversion of 0.38 cubic feet per second of said waters, as evidenced by our Certificate No. 536-2 dated July 3, 1959 confirming the completion of works of sufficient capacity for diverting and conveying to the place of intended use 0.38 cubic feet per second of water, with date of priority of 1932 and ~~xxx~~

WHEREAS, On the 7th day of May A. D. 1959 proof was duly made of the application to beneficial use of 0.38 cubic feet per second of said water; for municipal purposes in the distribution system of the City of Murdo, South Dakota

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 Murdo
of Murdo, South Dakota the holder and owner of said ^{Vested Right} permit No. 336-2
a water right, dating from 1932 to the use of 0.38
cubic feet per second of the waters of White Clay Creek
in the County of Jones and State of South Dakota, or so much thereof as may be
necessary for the purposes hereinbelow mentioned, to be diverted at 740 feet east and 120 feet
south of the NW corner of Sec. 36, T 1 S, R 28 E in the NW 1/4
of said section
and conducted to ~~XXXXXX~~ the residents of the City of Murdo

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 3rd day of July 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 _____

Acreage _____ c. f. s.

Point of Diversion _____

Place of Use _____

Purpose _____

Date of Priority _____

Recorded _____

In Book _____ of _____ Page _____

Permit No. **536-2**Water Division No. **2** **White River** Water District**Certificate of Completion of Works**

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That **The City of Murdo**of **Murdo**, County of **Jones**, and State of **South Dakota**, the holder of **Vested Right** Permit No. **536-2**, issued upon ApplicationNo. **536-2**, bearing date of priority of **1932**, authorizing the diversion of**0.38** cu. ft. per second of the waters of **White Clay Creek**County of **Jones**, State of South Dakota, at **740 feet east and 120 feet south of the NW corner of Sec. 36, T 1 S, R 28 E in the NW 1/4 NW 1/4****of said section**, 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 **0.38** cu. ft.

per second of water; and that the lands proposed to be irrigated by the use of said water are described as follows,

to-wit: **for municipal purposes in the City of Murdo, South Dakota**Witness my hand this **3rd** day of **July** A. D. **1939**

State Water Resources Commission

By:

J. W. GRIMES, Chief Engineer, Executive Officer

Location No.

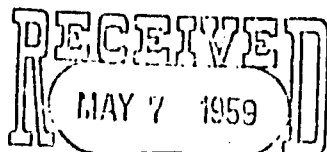
536-2

Water Division No.

7

White
River

Water District

STATE WATER RESOURCES COMMISSION
PIERRE, SOUTH DAKOTA

Proof of Application of Water to Beneficial Use

PETITION OF HOLDER

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

Ans. City of Murdo, Murdo, S.D., Municipal Corporation, Murdo, S.D.

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 Murdo, Municipal Corporation, by Mayor of the City of Murdo, S.D.

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

Ans. Forwarded to Water Resource Commission, May 6, 1959.

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

Ans. Dam, Surface diversion, 740 feet East and 120 feet South of the NW corner of Section 36, Township 1 South, Range 28, E.B.H.M., Jones County, South Dakota.

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. 40.5 feet high, 1135 feet long, capacity 1456 acre feet, conveyed to city storage tank by a 6 inch main, conducted by the city Main into the system.

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

Ans. Municipal water supply including fire protection.

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

Ans. Same as 6 above.

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

Ans. 24 million gallons a year.

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

Ans. _____

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

Ans. Municipal Water Supply including fire protection

1932 - 0.38 c.f.s. or 173 gpm (See Trans (1828) 2nd and Kelly ltr. of 5/2/39)

ATTEST:

J. A. Reynolds
City Auditor

(Sign) By:

CITY OF MURDOCK

Mayor

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

State of South Dakota, on this 6th day of May A. D. 1959

Witnesses.

Notary Public

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.

Ben Ahrendt

Location No. _____

PROOF OF APPLICATION OF
WATER TO BENEFICIAL USE

PETITION OF HOLDER

Amount of Water _____ c. f. s.

Source _____

County _____

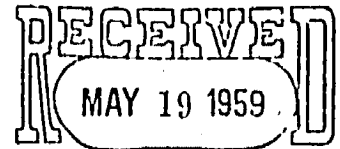
Purpose _____

Place of Use _____

Date of recording _____

Received and filed _____

C. D. KELL
ATTORNEY AT LAW
MURDO, S. DAK.



STATE WATER RESOURCES COM.M.
PIERRE, SOUTH DAKOTA

May 18, 1959

State Water Resources Commission
State of South Dakota
Pierre, So. Dak.

Re: Application Water Rights, City of Murdo,
S.D.

Attention: Les Wyborny, Engineer

Dear Sir:

Pursuant to your phone call I contacted the Superintendent of Water here in Murdo and secured the following information regarding the maximum capacity of the system as to the maximum that might be used for the city.

The pumping capacity is 173 gals per min. which would make a daily maximum of 249120 gals and a yearly maximum of 90,928,800 gallons. I trust that this is the information you need and I would be please if you would amend the application above mentioned to show the correct information.

You might also amend questions 10 and 11 on form 2 so that they show the correct information. I misunderstood the application at this point thinking that it applied to a dam already constructed which of course Murdo has.

One question I had and didn't think to ask the other day, and that is once the vested right is established for the city of Murdo can they stop any one from putting in a dam above the present dam and within the water shed of such dam?

Trusting I will hear from you and thanking you for the consideration shown in this matter, I remain

Very truly yours,

C.D. Kell

736-2 Appraisal
Murdo

July 30, 1956

Mr. T. A. Reynolds, City Auditor
City of Murdo
Murdo, South Dakota

Dear Mr. Reynolds:

Reference is made to your letter of July 19, 1956, in which you requested information on obtaining water rights for the City of Murdo.

A check of our records did not indicate that the City of Murdo has any water rights on record at this time. Since you did not mention the number of wells or diversion points in the case of surface water for which you wish to apply or whether they have been in use for some time or whether you have a new well which you propose to construct in the near future, I am going to explain three possibilities which you might have.

As they relate to municipalities, the new State Water Laws provide for the following:

(1) Recognition of "Vested Rights" to the use of water for municipal purposes in the amount of water that was developed and used, or in the process of development and use, on the effective date of the Act, July 1, 1955. When wells are used to develop these water supplies, or if diversion is from surface water, the "Vested Right" user is required by the Water Laws to establish a water right record. Special procedures have been set up by the Water Resources Commission for water users to establish their water right record. For this purpose I am enclosing two blank Form 2's, Application for Permit to Appropriate Water, two blank Form 2A's, Wells, and one blank Form 2h, Proof of Beneficial Use. Completion of two copies of Form 2, and Form 2A, together with one copy of Form 2h and a \$5.00 examination fee, when sent to the Water Resources Commission, will provide for the establishment of the Water Right record for the City of Murdo as specified by the new Water Laws. Although it is not mandatory, submission of a sketch map which you may prepare, showing the location of the diversion points and area where water is to be used, will be very helpful in establishing a clear record for you.

(2) A special and unique privilege is extended to South Dakota municipalities by the new Water Laws. By application, a town or city may arrange for withdrawal

July 30, 1958

T. A. Reynolds,

of water from further appropriation by others and reserve a reasonable amount of such water for the future needs of the municipality. As you know, town growth and well being depends many times upon the assurance of adequate municipal water supplies. Our water laws, very wisely, provides opportunity for this assurance. Should the City of Murdo desire to obtain a future use withdrawal of water, please complete and send in the two enclosed copies of Form 2, Application for Permit to Appropriate Water, together with the other items listed on the attached check sheet for a complete water right application.

(3) This third provision of our Water Laws, as affects municipalities, is concerned with acquisition of new water rights for use of water, either from a reservation of water the City has established under (2) above or separately. This case concerns an application for a water right from works to be constructed by the City in the near future for water which it needs right away. For these specific requests the same procedure as listed under (2) is to be followed namely, submission of two copies of Form 2 and the other items listed on the check sheet for a complete water right application. Forms and instructions are enclosed for this case, also, if you have use for them.

Please also note that the 1957 revision of our Water Laws provides that only one(1) set of application blanks need be submitted for multiple diversion points if the sytem can be considered as one whold project.

Also note that the Form 2A is only necessary if the diversion is from wells.

Should you have any future questions, please feel free to contact this office.

Sincerely,

LES WYRONY
Water Rights Engineer

Enc: 15
LW:lt

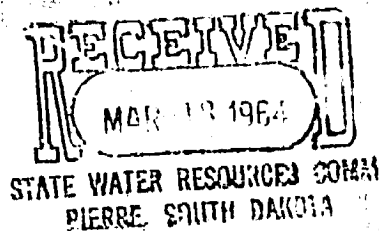


KIRKHAM, MICHAEL & Associates
ENGINEERS—ARCHITECTS

59 KANSAS CITY STREET, RAPID CITY, SOUTH DAKOTA FILLMORE 2-5212

March 17, 1964

Re: Municipal Reservoir Study
Murdo, South Dakota
KMA File No. 640301



State of South Dakota
Water Resources Commission
Pierre, South Dakota

Attention: Mr. Joe Grimes

Dear Mr. Grimes:

We have been retained by the City of Murdo, South Dakota to conduct a study and prepare a report on the WPA Dam which impounds their municipal water supply.

Data on this dam and reservoir at the local level is very limited. We hear about "soundings", "cross sections", "spillway computations" and much other miscellaneous data however, it is always indicated that it must be in Pierre.

We will appreciate you checking your files on this dam and the city's water right and sending us copies of any data available. If there is a charge for this service and data, please bill us.

Very truly yours,

KIRKHAM, MICHAEL & ASSOCIATES


R. J. Timm

RJT:ap

March 23, 1964

Mr. R. J. Timm
Kirkham, Michael and Associates
519 Kansas City Street
Rapid City, South Dakota

Dear Mr. Timm:

Reference is made to your letter regarding the W.P.A. dam at Murdo.

The only information we have is that contained in the City of Murdo's water right. This indicates that the earthen dam is 40.5 ft. high, with a bottom length of 278 ft. and a top length of 1185 ft. The bottom thickness is listed as 280 ft. and 13 ft. at the top, with 3:1 front slope and 3.5:1 back slope. Capacity of the reservoir is listed at 1456 acre feet, with a surface area of 105.5 acres.

I have checked with the Department of Game, Fish and Parks, and they do not have any data on this dam. They indicate the dam was probably sponsored by the City of Murdo, and the only connection they have had with it is some fish stocking.

Sorry we haven't more data.

Sincerely,

BURTON F. JONES
Water Right Specialist

BFJ:mf

SOUTH DAKOTA

VESTED WATER RIGHT CLAIM NO. 536-2

Date of Receipt of Claim May 7, 1959.

Date of Validation May 6, 1992.

The Water Management Board validated Vested Water Right Claim No. 536-2 for the City of Murdo, PO Box 432, Murdo SD 57559 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 536-2 appropriates 0.38 cubic feet of water per second from White Clay Creek located in the NW 1/4 NW 1/4 Section 36-T1S-R28E.
2. The appropriated water is used for supplying water to the City of Murdo and may not exceed the amount of water needed : beneficial use for municipal purposes.

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

3. The priority date of the Vested Water Right is January 1, 1932.
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 H. Gated
Chief Engineer

DEC 21 1992

date

Division of Water Rights
Dept. of Environment and Natural Resources



536-2

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

DEC 24 1987

City of Murdo
Mary Ann Mann, Finance Officer
PO Box 432
Murdo SD 57559

Dear Ms. Mann:

The Water Management Board has validated the enclosed Vested Water Right No. 536-2. 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



536-2
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

OCT 16 2018

536-2
536A-2

Ray Erikson
Water & Wastewater Supt
City of Murdo
PO Box 432
Murdo SD 57559-0432

Dear Mr. Erikson:

Enclosed is Water License No. 536A-2. This is the final water right document completing the process of obtaining a Water Right. Included with the license is a map prepared by the staff engineer who conducted the field investigation.

Upon licensing, the applicable portions of Vested Water Right No. 536-2 were incorporated into No. 536A-2. As long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water.

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

NOTE: The investigation found your irrigation system is capable of diverting 0.52 cubic feet of water per second (cfs) which is equivalent to approximately 235 gallons per minute. The authorized appropriation for the golf course is 0.38 cfs (equivalent to approximately 170 gpm). Diversion of water under this water license is limited to 0.38 cfs.