

VESTED RIGHT

1. Considered: 6-9, 1983 Water Right No. 1844-2
2. Name of Applicant City of Martin
3. Post Office Address Box 687, Martin SD 57551
4. Amount of Water Claimed , 75 maximum acre feet
5. Source of Water Supply Two Wells #1, 500' deep and #2 480' deep
6. Water to be used for MUN acres to be irrigated
7. County Bennett about miles of CITY LIMITS
8. PROOF OF PUBLICATION: Received Not Received
- bw*
9/19/83 APPLICATION: Approved 6-9-83 Subject to
- Not Approved Action Deferred

PRIORITY

Dated Received 5/10/83 Application complete-yes / no FEE 10.50Remarks Corrected Application received Period of Annual Use WATER
QUALITY N/AReceived yes no APPROVED/CONDITIONAL (Circle one)WI-1 Description same as application-yes no Remarks Disapproved Returned

					18
					x
					x

Diversion Point Two wells in SW $\frac{1}{4}$ SE $\frac{1}{4}$ 18-37N-37WLand to be irrigated

WELL LOG

Driller Licensed - yes no Depth Remarks No logs available #1 drilled in 1936, standby well, and #2 drilled 1946

MAP Map No. 1844-2 Map located in Water Right _____ Map file _____
 Type of Map Drawn Prepared by _____

+++++

REVIEWED This Application was received within 30 days of the date received, accepted as complete, Number assigned and written up for advertisement before the Board on:

5/19/83

Betty Westlund
 (Signed)

+++++

PROTESTS Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS Date
 F.F. & C. Final Decision, including F.F. & C. of Law were adopted _____
 OF LAW, Date
 FINAL Final Decision mailed to parties and/or parties notified that Final Decision was
 DECISIONS adopted _____
 ETC. Remarks _____

Form 2 - Application for Permit to Appropriate Water-Original (Includes Approval and Permit)

No. 1844-2
Map No. 1844-2 Water Division No. 2 WHITE RIVER District
Above for Office Use 10140203

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

Check one of the following:

New ☐ Vested Right ☒ Future Use ☐Change in Diversion ☐ Additional Diversion ☐Change in Acreage ☐ Additional Acreage ☐Called City 5/18/83 for GPM on/each well
pumps and informed city date of INC ^{what} _{bw}

1. Name of Applicant City of Martin Phone No. 685-6525
Post Office Address POB 687 Martin State South Dakota 57551
(Street, RR, or Box) (Town) (Zip Code)
If a corporation show date and place of incorporation December 11, 1926

2. Method of accomplishing work (contract, employment of others, or by direct labor) _____

3. Name of diversion work Wells #1 and #24. Amount of water claimed (cubic feet per second) 0.75 #1-125 GPM (Standby) #2-210 GPM5. Source of water supply Ground water6. Location of point of diversion Well #1, 1725' West, 937' North and #2, 2137' West, 1125' North
all from the SE Corner, Section 18-T37N-R37WCounty Bennett7. Annual period or periods during which water is to be used January 1st thru December 31st8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Municipal

9. For irrigation use, Total number of acres to be irrigated _____

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.

Land Description	No. Acres Irr.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system complete years. Additional time required
to complete application of water to the proposed beneficial use " years.

11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water _____

12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

B. Works proposed to transport water to place of use.

Two reservoirs and the distribution system

C. Works proposed to apply water to beneficial use.

Estimated Total Cost \$ _____

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(see instructions concerning preparation.)STATE OF SOUTH DAKOTA)
County of Bennett)ss.I, Clayton C. McCue, Water Supt, City of Martin the applicant, certify that I have read the foregoing application
and have examined the attached map and that the matters therein stated are true and that I intend, and am able to
complete the necessary construction.Signed S/ Clayton C Mc Cue
Subscribed and sworn to before me this 9th day of May, 1983
S/ Luella CozadNotary Public (or other qualified officer)
My commission expires 3/11/85

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby ^{recognizes} ~~approves~~ Water Right Application No. 1844-2
City of Martin Box 687 Martin
(Applicant) (Post Office Address)
South Dakota With the following qualifications.
(State)

"Vested Right Claim"

Date of first receipt of ^{claim} ~~application~~ May 10, 1983
 Date of return to applicant for correction, amendments or changes required _____, 19____
 Date of receipt of corrected application _____, 19____
 Approved June 9, 1983, Recorded in Book _____ Page _____

WATER RIGHT PERMIT NO. _____

The Water Management Board hereby ^{recognizes} ~~grants and issues~~ this Water Right Permit No. 1844-2 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is Well #1 .28 cfs 1936
Well #2 .47 cfs 1946
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before _____, 19____
3. The whole of said work is ~~to be completed on or before~~ _____, 19____
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is _____, 19____
5. The water appropriated shall be used for the purpose of irrigation municipal use *gff*

6. 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.

7. The amount of the appropriation herein granted shall not exceed 0.75 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and ~~if for irrigation purposes said appropriation must be limited to not more than 2 acre foot per acre per year and 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~~

gff ^{municipal use} ~~for irrigation~~ on or before June 9, 1983; said water to be used during the following described annual period: CONTINUOUS

Witness my hand this 20th day of June, 1983

THE WATER MANAGEMENT BOARD

By: John H. Hester
 Chief Engineer, Water Rights

Certificate of Construction Issued June 21, 1983

Water License Issued June 21, 1983

Wells #1, #2, #4
(1936) (1949) (1975)

D Well Information

- (1) Drill Hole, Diameter _____, Depth 500', 480', 580'
(2) Casing, Type _____, Diameter 3", 8", 6", Thickness _____
(wood, concrete, steel, etc.)
(3) Screen, Type _____, Diameter _____, Length _____
(4) Gravel Pack, Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates

- (1) Surface dimensions, _____, Depth _____

F Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Attach a copy of test well log)

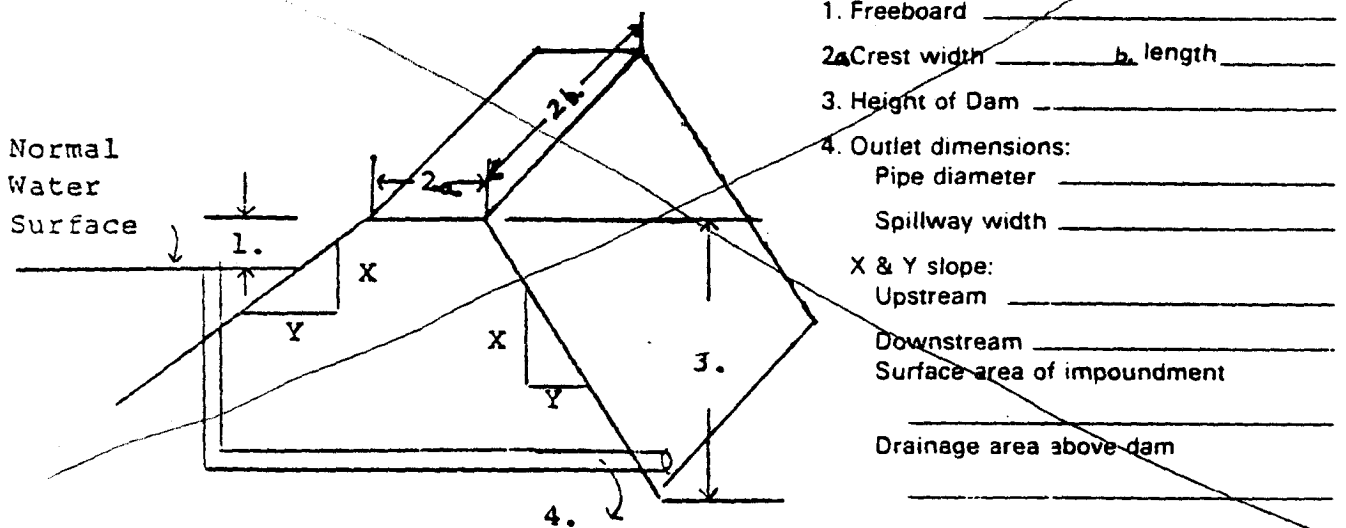
Depth to top of water bearing material _____
Depth to bottom of water bearing material _____
Depth to water (ground surface to water level) _____

- (2) Distance to nearest existing household or livestock watering well.

On same owner's property _____ rds.
On property owned by others _____ rds.

G Water Storage Dams

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.



CITY OF MARTIN

WNR-802A0-7/79

BY: Clay C. McElwee

Signature of Applicant

Water Superintendent

Wells #1 + #2 are eligible
for a "Vested Right" as they
No. were installed before 1935.

NOTE: This Form is supplemental to Form 2, and is to be used when an affidavit pertaining to construction and water use, already completed, is needed.

**AFFIDAVIT OF CONSTRUCTION OF WATER USE
SYSTEM AND APPLICATION OF WATER TO BENEFICIAL USE**

Name of Applicant (Same as Form 2) City of Martin
Post Office Address PO Box 687, Martin, State S.D.
If a Corporation show date and place of incorporation ?

13. Notice of Appropriation (If available)

Date of Posting _____ Date of Recording _____
Recording Data _____

14. Date of start of construction of water supply system 1925?

15. Date that water was first applied to beneficial use 1925?

16. Name of owner of original water supply system City of Martin

17. Amount of water originally applied to beneficial use _____ c. f. s.

18. Present Use of Water Approx 50,000,000

Amount of water now being used Approx c. f. s.

Date that this amount of water was first used approx 1978 *this is date when first used as beneficial use from wells #1, #2 & #3 drilled in 1975*

19. Chronological History of Water Use First use after settlement of area and expanded thereafter for population increase

Attach to this Form 2B. any copies of notices, postings, filings, publications, affidavits, or other records that apply. You may also attach any written statement by you, or by others, that you deem pertinent.

STATE OF SOUTH DAKOTA)
) ss.
County of Bennett)

Clayton C. McCue, Water Supt.
I, of City of Martin, the applicant, certify that I have read the foregoing and that the matters therein stated are true.

Signed Clayton C. McCue

Subscribed and sworn to before me this 9th day of May, 19 83

Ruella Cozad
(Notary Public - or other qualified Officer)
My commission expires: 3/11/85

I, the undersigned, do hereby certify that I know about the water use system described above that I have read the foregoing and that the matters therein stated are true.

CITY OF MARTIN
BY: Janet E. Speidel
Finance Officer

MEMORANDUM

TO : Betty Westlund, Water Rights

FROM : Rob Kittay, Drinking Water

SUBJECT: Unlicensed Wells

DATE : April 13, 1983

On my last survey trip (4/11-12) I encountered the following wells that do not have water rights.

City of Martin

<u>Well #</u>	<u>Location</u>	<u>Date</u>	<u>Depth</u>	<u>Dia.</u>	<u>GPM</u>
1	6th & Main	1936	480'	3"	120
2	5th & Main	1949	500'	8"	210
4	By Ballfield	1975	500'	6"	180

WATER LICENSE NO. 1844-2

(1) WHEREAS, On the 10th day of May A. D. 19 83
City of Martin

made Water Right Application No. 1844-2 for a permit to use 0.75 / Vested Right cubic feet per second of the waters
of groundwater (two wells)
County of Bennett, State of South Dakota, for municipal
purposes; and

(2) WHEREAS, On the 9th day of June A. D. 19 83
Vested Right 1844-2, with a date of priority of Well #1-.23 cfs 1936 & Well #2-.47 cfs 1946
Permit No. 1844-2, was issued to said applicant for the diversion of said water, and ¹recognized ~~provided~~ for the completion of construction of the water
supply system therein described ~~on or before the~~ day of A. D. 19 and for the
application to beneficial use of said water ~~on or before the~~ day of A. D. 19

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert 0.75 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,
Water is used for municipal purposes by the City of Martin

(5) 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 Martin, South Dakota

_____ of _____
the holder _____ and owner _____ of said Vested Right 1844-2 permit No. _____ a water right, dating from Well #1-.28cfs, 1936 and Well #2-.47cfs, 1946 to use of 0.75 cubic feet per second of the waters of groundwater (two wells)

in the County of Bennett and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at Well #1 -1725'W and 937'N; Well #2-2137'W and 1125'N, all all from the SE Corner, Section 18, T 37N, R37W (0C)

and conducted ~~to and upon~~ through the city's water distribution system

for the purpose of municipal use

This Water License No. 1844-2 is based on a Vested Right Claim filed ^{with} by the Water Management Board

Subject to any limitations listed in Water Right Permit No. 1844-2 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 21st day of June A. D.
Nineteen Hundred and Eighty-Three

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer JOHN HATCH

1844-2 v/r

1843-2 new

CITY OF MARTIN

~~SERIES OF CITY CLERK~~
MARTIN, SOUTH DAKOTA

Sirs: well logs not available for wells #1
and #2 (vested rights) Maps Enclosed.

Clayton McLuc
City of Martin

Voucher enclosed for payment - \$10.50 each
for the 2 (vested right) and \$150.00 for
well #4 (26 acre feet of water)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 9246

PIERRE, May 13, 1983

RECEIVED OF City of Martin, Box 687, Martin, SD 57551

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

Fee for Application for Permit to Appropriate Water No. (examination, processing, recording and filing)	8	00
Fee for inspecting Construction, and issuing Cert. of Construction No.		
Fee for inspecting Beneficial Use, and issuing Water License No.	2	50
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for (any other work as provided by law)		
TOTAL	10	50

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer

JOHN HATCH/ms

Do not use this space.

DIRECT VOUCHER

AGENCY VOUCHER No.	DATE
2933	5/27/83

PAYEE City of Martin

Box 687

Martin, SD 57551

DEPT.

DWR-Water Rights

Foss Building

Pierre, SD 57501

AGENCY

ADDRESS

Agency	Fund	Sub Fund	Prog. Act.	Obj. Sub. Obj.	Agency Coding	Amount	Contract No.
200301	290	01	0100	0801		10 50	1
							2
							3
							4
							5
							6
							7
							8
							9
							10
TOTAL 22						10 50	

NOTE: Vendors invoice must be attached.

Invoice No.(s)	Date Delivered	QUAN.	DESCRIPTION OF SERVICE OR COMMODITY	UNIT PRICE	AMOUNT	MEMO
			Refund of VR Fee for WR# for City of Martin as two wells in SW1/4SE1/4 18-37N-37W can be included in one application and require only one fee- therefore one fee in the amount of \$10.50 is being refunded Receipt # 4 9207-WR 1844-2 WRH 1843-2		10 50	
TOTAL					10 50	

I declare and affirm under the penalties of perjury that this claim is in all things, true and correct. I further agree to comply with the provisions of the Civil Rights Act of 1964 and regulations issued thereunder relating to nondiscrimination in federally assisted programs.

John H. Huth
Claimant Signature

5-24-83
Date

I hereby certify that this claim has been examined by me, and to the best of my knowledge and belief is in all things true and correct and the same is hereby approved.

John H. Huth
DIVISION APPROVAL

5-24-83
DATE

APPROVAL SIGNATURE

5/27/83
DATE

Water Rights Division
605 773-3352

May 24, 1983

Clayton C McCue
City of Martin
POB 687
Martin SD 57551

Dear Mr. McCue:

The vested right application for the City of Martin has been issued the number 1844-2. Since both wells #1 and #2 can be placed on one application, we will be returning the additional \$10.50 filing fee to the City.

This fee will be forwarded as soon as it is processed by our fiscal office. Your receipt No. 4-9246 in the amount of \$10.50 is on file with application No. 1844-2

Sincerely,

BETTY WESTLUND
Water Rights Specialist

BW:ks

Table II

Logs in this table consist of drillers' logs of wells contracted through the U.S. Bureau of Indian Affairs in the mid-1930's, and available logs of more recent public-supply and irrigation wells.

City of Martin Well No. 1. Information by Harold Norbeck of the Norbeck Company, drillers. Drilled in 1935.

Material	Thickness (feet)	Depth (feet)
Topsoil, wash	4	4
Light gray clay, hard	14	18
Yellow gray clay	7	25
Light gray clay, hard, some silt	30	55
White limey clay, hard	4	59
Light gray clay, fairly hard	22	81
Yellow silt; 85 feet to 85 feet 6 inches, lime	4	85
Gray clay, fairly hard; some silt; 95 feet to 95 feet 4 inches, lime ...	20	105
Sand, tough	1	106
Very fine yellow sand, tough	10	116
Gray clay	24	140
Gray and yellow clay, streaks of silt, fairly soft	49	189
Coarse granulated chalk or hard clay .	1	190
Yellow clay, silty	13	203
Compact yellow silt with some clay and some very fine sand streaks	48	251
Granulated chalk or hard gray clay ...	3	254
Fine granulated clays or chalk, yellow, open, soft	19	273
Compact silt, yellow, few very fine sand lenses	5	278
Yellow silt, little fine sand, open but occasional hardening	48	326
Dark gray clay, tough	4	330
Yellow clay, some silt, fairly soft ..	10	340
Yellow clay and silt, fairly tough ...	64	404
Gray clay with lime hardening, tough to hard	4	408
Yellow silts, clay partings	24	432
Fine sand, some silt, tough	20	452
Yellow silt, soft	4	456
Yellow silt with some streaks of fine sand, medium soft to fairly hard	39	495

WELL

LOG OF TEST WELL OF CITY OF HARTIN

10' - - - - 20'	Brown Clay & tr. rock, soft
20' - - - - 30'	Rock and 1' brown soft rock
30' - - - - 40'	Str. rock and soft brown rock
40' - - - - 50'	Soft brown rock; limestone
50' - - - - 60'	Soft lime rock
60' - - - - 70'	Fine silty sand
70' - - - - 80'	Hard rock 70 to 71'; 75 to 76' silty streak
80' - - - - 90'	Rock Str. softer
90' - - - - 100'	Fine silty sand and rock str.
100' - - - - 110'	Rock str. soft and silty sand
110' - - - - 120'	Soft, silty sand
120' - - - - 130'	Fine silty sand
130' - - - - 140'	Soft silty sand
140' - - - - 150'	(144 to 145 hard rock) soft silty sand
150' - - - - 160'	Brown rock, soft silty sand
160' - - - - 170'	Soft brown rock and silt
170' - - - - 180'	Soft brown rock fine silty sand
180' - - - - 190'	Fine silty sand, rock
190' - - - - 200'	Soft sandstone, very fine sand, silty
200' - - - - 210'	Brown rock, fine sand streak
210' - - - - 220'	Brown rock, soft
220' - - - - 230'	Brown rock, fine sand
230' - - - - 240'	Brown rock, fine sand
240' - - - - 250'	Brown rock soft fine rock
250' - - - - 260'	Sandstone; lime rock
260' - - - - 270'	(260-265 hard rock) sandstone
270' - - - - 280'	Brown rock, sand str., use lots of water
280' - - - - 290'	Soft brown rock and sand, uses lots of water
290' - - - - 300'	Brown rock, soft; sandstone
300' - - - - 310'	Brown rock; use lots of water
310' - - - - 320'	Fine sand; uses lots of water
320' - - - - 330'	Brown sand, rock soft; uses lots of water
330' - - - - 340'	Brown sandstone
340' - - - - 350'	Brown sandstone
350' - - - - 360'	Brown sandstone
360' - - - - 370'	Brown sandstone soft
370' - - - - 380'	Fine sand rock
380' - - - - 390'	Fine & soft brown sand rock, uses lots of water
390' - - - - 400'	Harder at 395'
400' - - - - 410'	Soft brown sandstone
410' - - - - 420'	Same, fine and softer
420' - - - - 430'	Fine soft brown sandstone
430' - - - - 440'	Fine soft sand to sandstone
440' - - - - 450'	Fine soft sand
450' - - - - 460'	Fine sand; uses lots of water
460' - - - - 470'	Fine sand
470' - - - - 480'	Fine sand
480' - - - - 490'	Fine sand
490' - - - - 500'	Fine sand

Callahan & Beaver, Inc.

1218 BURLINGTON
HARDY RANCHES CO., INC.
A/C BIG ENERGY

Sheet No. _____

Recovery Record
WELL PRODUCTION TEST DATA SHEET

Job Martin, South Dakota Date Tested 4-30-75
Location Martin Well #1 Tested by Howard Ivy
Diameter of Well 8" Pump Used 30HP submersible
Depth of Well 500' Driver 30 HP Electric
Measuring Device Electric line Col. & Shaft 3"
Static W. L. 140' Bore 6"
Orifice Size Rodwell meter Mfr. Redo

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW- DOWN	REMARKS
1:00				140		
1:05			190	140		
1:10			180	"		
1:15			170	"		
1:20			167	"		
1:25			165	"		
1:30			163	"		
1:35			162	"		
1:50			161	"		
2:00			160	"		
2:15			159	"		
2:30			158	"		
2:45			157	"		
3:00			156	"		
3:30			155	"		
4:30			154	"		

James F. Lawrence, Inc.

THIS DOCUMENT
BOTH SIGNED AND
NOTED BY

Sheet No. 1

WELL PRODUCTION TEST DATA SHEET

Job: BURGIN, South Dakota

Date Tested: 4-30-75 Page 22

Location: Hartshorn Well #1

Tested by: Howard Y. J.

Diameter of Well: 8"

Pump Used: 30HP Submersible

Depth of Well: 500'

Driver: 30HP Electric

Measuring Device: Electric Line

Col. & Shaft: 3"

Static W. L.: 100'

Bowls: 6"

Orifice Size: Rockwell 10000

Mfg.: Radco

TIME	ORIFICE SIZE (IN)	GPM	PUMPING LEVEL	STATIC W.L.	DRAW DOWN	REMARKS
4:30	22.50	203	5 396	140		very dirty
4:35	31 "	194	"	"		dirty
4:40	31 "	198	396	"		"
4:45	30	200	"	"		cloudy
4:50	31	194	"	"		"
5:00	32	188	"	"		"
5:05	32	188	"	"		"
5:10	31.5	190	"	"		"
5:15	32	185	"	"		"
5:20	32	188	"	"		"
5:25	32	188	"	"		"
5:30	30.9	194	"	"		"
5:45	32	188	"	"		"
6:00	32	188	"	"		"
6:15	32	188	"	"		"
6:30	31.2	192	"	"		"

Carlson & Brown, Inc.

1240 HURLINGTON
NORTH KANSAS CITY, MO.
A/C 816 642-6367

Sheet No. 2

WELL PRODUCTION TEST DATA SHEET

Job Martin, South Dakota Date Tested 8-30-75 Test # 2
Location Martin Well #1 Tested by Howard Ivy
Diameter of Well 8" Pump Used 30HP Submersible
Depth of Well 500' Driver 30HP Electric
Measuring Device Electric line Col. & Shaft 3"
Static W. L. 140' Bowl 6"
Orifice Size Rockwell meter Mfg. Reda

TIME	ORIFICE READING	CPM	PUMPING LEVEL	STATIC W.L.	DRAW- DOWN	REMARKS
6:45	31.2	192	396	140		Clear
7:00	31.5	190	"	"		"
7:15	32	188	"	"		"
7:30	33	182	"	"		"
7:45	32	183	"	"		"
8:00	33	182	"	"		"
8:15	32.5	184.5	"	"		"
8:30	33	182	"	"		"
8:45	33.5	179	"	"		"
9:00	32	188	"	"		"
9:15	32	188	"	"		"
9:30	32	183	"	"		clear slight
9:45	32	186	"	"		odor
10:00	32	183	"	"		clear no sand
10:15	"	"	"	"		"
10:30	"	"	"	"		"

1200 HUNTINGTON
NORTH KANSAS CITY,
A/E 816 852-1367

WELL PRODUCTION TEST DATA SHEET

Job	Martin, South Dakota	Date Test	4-30-75	Test
Location	Martin Well #1	Tested by	Howard Ivy	
Diameter of Well	8"	Pump Used	30HP Submersible	
Depth of Well	500'	Driver	30HP Submersible Elec	
Measuring Device	Electric line	Col. & Shaft	3"	
Static W. L.	146'	Bowls	6"	
Orifice Size	Rockwell meter	Mfr.	Roda	

[illegible]

**AMERICAN AREA INDIAN HEALTH SERVICE
P.H. 86-121**

WELL LOG

Well Owner: City of Worbin, South Dakota Home No.: _____
 Location: Worbin, SD
 Drilled by: Chillicothe, Inc. Date: March 1975
 Project No.: AP-71-272/273 Contract No.: 201-75-0800

Depth:	Description of Formation:
0 to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____
_____ to _____	_____

SIZES AND MATERIALS USED

All Depths Measured from Top Surface of Well Slab

Top Casing Line: Nominal I.D. 8" Material new steel 302 wall
 Depth Cased 40' ft. to 300' ft. Wt./ft. 21.55 ft.
 Any Reduced Casing Sizes: at 300' reduced to 6" dia. for remainder of well
 with exception of section 312 wall 21.08 lbs.
 Grout Envelope: Thickness 6 in.
 Depth Grouted 30 ft. to 60 ft.
 Pitless Adapter: Make _____ Model _____
 Depth of Discharge _____ ft. CAP Type _____
 Well Screen: Make Johnson Model stainless steel type 304
 Type wire wound V-shaped continuous
 Diameter 6 in. Length 70 ft. Slot 0.00 in.
 Depth Screened 410 ft. to 490 ft. Slot 0.00 in.
465 ft. to 495 ft. Slot 0.01 in.
 Spacer(s) every 50 ft.
 Fitting at Top weld rings
 Fitting at Bottom steel plate
 Packer Description none

Gravel or Sand Pack: Material Sioux 20-30
 Thickness 5 in. Depth 370 ft. to 500 ft.

(Attach Gradation Curve)

Total Depth to Bottom of Well 502.5 ft.
 Total Depth to Bottom of Casing 502.5 ft.
 Total Depth to Bottom of Drop Pipe _____ ft.
 Total Depth to Pump Inlet _____ ft.

White: Driller's copy
Blue: Mail to Missouri Geological Survey
Pink: For well owner

WATER WELL RECORD

1843-2
FEB 13 1975
m

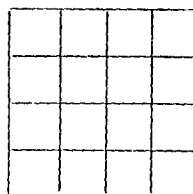
DRILLERS LOG OF WELL

d of rock, color, hard, or soft etc.	From (ft.)	To (ft.)
Martin TH # 2		
Silt, little clay	0	5
Silt, clay	5	10
Silt, sandstone hard	10	15
Silt, sandstone hard	15	20
Silt, sandstone hard	20	25
Very little silt, hard sandstone	25	30
Hard sandstone	30	35
Sandstone, silt	35	40
Sandstone	40	45
Silt, little sandstone	45	50
Silt, little sandstone	50	55
Hard sandstone	55	56
Silt, sandstone	56	57
Hard sandstone	57	60
Silt, sandstone	60	65
Silt, little sandstone	65	70
Sandstone, silt	70	75
Sandstone, silt	75	80
Sandstone, silt	80	85
Sandstone, silt	85	90
Sandstone, silt	90	95
Sandstone, silt, very little clay	95	100
Silt, sandstone	100	105
Silt, sandstone, little clay	105	110

Continued

IMPORTANT DATA

Location of Well County Bennett
(Show location in Section Plat) Martin S. Dakota



_____ 1/4 _____ 1/4 Sec. _____

T _____ N, R _____

Total depth 520' Elev. _____

Well Owner Indian Health Service

Address Martin, South Dakota

Mileage and direction from nearest town or highway _____

N.E. of Ball Park

Drilling Contractor Cullum & Brown

Address N.K.C., Missouri

Date Drilled 1-28-75

Method of Drilling Mud Rotary
(Cable tool, rotary, reverse rotary, etc.)

Casing Schedule none
(Amount, Size, Setting - New, Used - Steel, Galv., - Gage or Weight)

Screen Data (if any): none
(Length, Diameter, Slot Size, Setting)

Measured depth to water on completed well (Static Level)

Is _____ ft. below _____
(Land Surface, Top of Casing Etc.)

Tested Yield _____ gallons per _____
(Min., Hour)

as determined by _____
(Bailing, Test Pumping, Etc.)

Drawdown _____ ft. after _____ hrs.

pumping at _____ gal. per minute

Remarks 1-28-75 started drilling @1:00pm
drilled to T.D. @7:00p.m.,
Logging probe stuck @478'
1-29-75 Freed probe, 1-30-75
completed logging @11:00 a.m.



White: Driller's copy

Blue: Mail to Missouri Geological Survey

Pink: For well owner

WATER WELL RECORD

Page 2

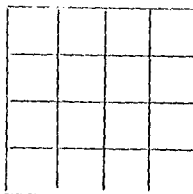
DRILLERS LOG OF WELL

of rock, color, hard, or soft etc.	From (ft.)	To (ft.)
Silt, sandstone	110	115
Silt, sandstone	115	120
Silt, sandstone	120	125
Silt, sandstone	125	130
Silt, sandstone, very little clay	130	135
Silt, sandstone, very little clay	135	140
Silt, little clay, sandstone	140	145
Little silt, sandstone, little clay	145	150
Clay, sandstone, little silt	150	155
Clay sandstone, little silt	155	160
Sandstone, little clay, lit. silt	160	165
Sandstone, lit. clay, lit. silt	165	170
ay, sandstone	170	175
Clay, sandstone	175	180
Sandstone, clay	180	185
Sandstone, clay	185	190
Sandstone, clay	190	195
Sandstone, clay	195	200
Clay, sandstone	200	205
Clay, sandstone	205	210
Clay, sandstone	210	215
Clay, sandstone	215	220
Clay, sandstone	220	225
Clay, sandstone	225	230
Clay, sandstone	230	235

Continued

IMPORTANT DATA

Location of Well County _____
(Show location in Section Plat)



_____ 1/4 _____ 1/4 Sec. _____

T _____ N, R _____ E
W

Total depth _____ Elev. _____

Well Owner _____

Address _____

Mileage and direction from nearest town or highway _____

Drilling Contractor _____

Address _____

Date Drilled _____

Method of Drilling _____
(Cable tool, rotary, reverse rotary, etc.)

Casing Schedule _____
(Amount, Size, Setting - New, Used - Steel, Galv., - Gage or Weight)

Screen Data (if any): _____
(Length, Diameter, Slot Size, Setting)

Measured depth to water on completed well (Static Level)
is _____ ft. below _____
(Land Surface, Top of Casing Etc.)

Tested Yield _____ gallons per _____
(Min., Hour)

as determined by _____
(Bailing, Test Pumping, Etc.)

Drawdown _____ ft. after _____ hrs.

pumping at _____ gal. per minute

Remarks



White: Driller's copy

Blue: Mail to Missouri Geological Survey

Pink: For well owner

Page 3

WATER WELL RECORD

DRILLERS LOG OF WELL

Kind of rock, color, hard, or soft etc.	From (ft.)	To (ft.)
Clay, little clay	235	240
Clay, little silt	240	245
Clay, sandstone	245	250
Clay, sandstone	250	255
Clay, sandstone	255	260
Clay, sandstone	260	265
Clay sandstone	265	270
Clay, sandstone	270	275
Clay, sandstone	275	280
Clay sandstone	280	285
Clay, sandstone	285	290
Clay, sandstone	290	295
Clay, sandstone	295	300
Clay, sandstone	300	305
Clay, sandstone	305	310
Clay, sandstone	310	315
Clay, sandstone	315	320
Clay, sandstone	320	325
Clay, sandstone	325	330
Clay, sandstone	330	335
Clay, sandstone	335	340
Clay, sandstone	340	345
Clay, sandstone	345	350
Clay, sandstone	350	355
Clay, sandstone	355	360

Continued

IMPORTANT DATA

Location of Well _____ County _____
(Show location in Section Plat)

_____ 1/4 _____ 1/4 Sec.

T _____ N, R _____ E
W

Total depth _____ Elev. _____

Well Owner _____

Address _____

Mileage and direction from nearest town or highway _____

Drilling Contractor _____

Address _____

Date Drilled _____

Method of Drilling _____
(Cable tool, rotary, reverse rotary, etc.)

Casing Schedule _____
(Amount, Size, Setting - New, Used - Steel, Galv., - Gauge or Weight)

Screen Data (if any): _____
(Length, Diameter, Slot Size, Setting)

Measured depth to water on completed well (Static Level)

Is _____ ft. below _____
(Land Surface, Top of Casing Etc.)

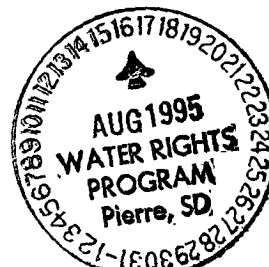
Tested Yield _____ gallons per _____
(Min., Hour)

as determined by _____
(Bailing, Test Pumping, Etc.)

Drawdown _____ ft. after _____ hrs.

pumping at _____ gal. per minute

Remarks _____



White: Driller's copy

Blue: Mail to Missouri Geological Survey

Pink: For well owner

WATER WELL RECORD

Page 4

DRILLERS LOG OF WELL

d of rock, color, hard, or soft etc.	From (ft.)	To (ft.)
Clay, little sandstone	360	365
Clay, little sandstone	365	370
Clay, little sandstone	370	375
Clay, little sandstone	375	380
Clay, little sandstone	380	385
Clay, little sandstone	385	390
Clay, little sandstone	390	395
Clay, little sandstone	395	400
Clay, little sandstone	400	405
Clay, little sandstone	405	410
	410	415
	415	420
	420	425
	425	430
	430	435
	435	440
Clay, little sandstone	440	445
Sandstone, little clay	445	450
Clay, sandstone	450	455
Clay, sandstone, silk	455	460
Clay, silt, silk	460	465
Clay, silt, silk	465	470
Clay, silt, silk	470	475
Clay, sandstone, silk	475	480
Clay, sandstone, silk	480	485

Continued

IMPORTANT DATA

Location of Well _____ County _____
(Show location in Section Plat)

_____ 1/4 _____ 1/4 Sec. _____

T _____ N, R _____ E
W

Total depth _____ Elev. _____

Well Owner _____

Address _____

Mileage and direction from nearest town or highway _____

Drilling Contractor _____

Address _____

Date Drilled _____

Method of Drilling _____
(Cable tool, rotary, reverse rotary, etc.)

Casing Schedule _____
(Amount, Size, Setting - New, Used - Steel, Galv., - Gage or Weight)

Screen Data (if any): _____
(Length, Diameter, Slot Size, Setting)

Measured depth to water on completed well (Static Level)
is _____ ft. below _____
(Land Surface, Top of Casing Etc.)

Tested Yield _____ gallons per _____
(Min., Hour)

as determined by _____
(Bailing, Test Pumping, Etc.)

Drawdown _____ ft. after _____ hrs.

pumping at _____ gal. per minute

Remarks



White: Driller's copy

Blue: Mail to Missouri Geological Survey

Pink: For well owner

WATER WELL RECORD

Page 5

DRILLERS LOG OF WELL

1 of rock, color, hard, or soft etc.

From
(ft.)

To
(ft.)

Clay, sandstone, silk

485

490

Clay, sandstone, silk

490

500

Clay, sandstone, silk

500

505

Clay, sandstone, silk

505

510

Clay, sandstone, silk

510

515

Clay, sandstone, silk

515

520

450-520 thin layers of sandstone

6-7' apart.

IMPORTANT DATA

Location of Well

County

(Show location in Section Plat)

1/4

1/4 Sec.

T

N, R

E

W

Total depth

Elev.

Well Owner

Address

Mileage and direction from nearest town or highway

Drilling Contractor

Address

Date Drilled

Method of Drilling

(Cable tool, rotary, reverse rotary, etc.)

Casing Schedule

(Amount, Size, Setting - New, Used - Steel, Galv., - Gage or Weight)

Screen Data (if any):

(Length, Diameter, Slot Size, Setting)

Measured depth to water on completed well (Static Level)

is _____ ft. below

(Land Surface, Top of Casing Etc.)

Tested Yield

gallons per

(Min., Hour)

as determined by

(Bailing, Test Pumping, Etc.)

Drawdown

ft. after

hrs.

pumping at

gal. per minute

Remarks



Callum & Brown, Inc.

1248 BURLINGTON
NORTH KANSAS CITY, MO.
A/C BIC 842-0307

Sheet No. 1 of 3

Test #1
WELL PRODUCTION TEST DATA SHEET

Job City of Martin Date Tested April 9 & 10, 1975
Location Martin #1 Tested by H.L. Ivy
Diameter of Well 8" x 6" casing 16" I.D. Pump Used Submersible
Depth of Well 500 Driver 30 HP, 220v, 3Ø, 60hz
Measuring Device Electric line Col. & Shaft 4" pump pipe
Static W. L. 140 Bwls 20
Orifice Size 6" Rockwell meter Mfr. Reda

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW- DOWN	REMARKS
9:45	Rockwell 6" meter	100		140		cloudy start
10:00 ¹⁵	"	100	270	140	130	cloudy to clear
10:30	"	125	295	140	155	clear to cloudy
11:00 ¹⁵	"	125	305	140	165	increased flow
11:30 ¹⁰	"	150	310	140	170	clearing
12:00 ¹⁵	"	150	295	140	155	clear
12:30 ¹⁰	"	150	295	140	155	clear increase flow
1:00 ¹⁵	"	175	300	140	160	" " "
1:30 ¹⁰	"	175	300	140	160	
2:00 ¹⁵	"	175	"	140	"	draw down indicator
2:30 ¹⁰	"	175	"	140	"	stopped operating
3:00 ¹⁰	"	175	"	140	"	continued test while
3:30 ¹⁵	"	175	"	140	"	repairs were made
4:00 ¹⁵	"	175	"	140		ran out of fuel
4:15 ¹⁰	"	175	"	140		start up
5:00 ¹⁵	"	175	310	140	170	clear

Cullum & Brown, Inc.

1210 BURLINGTON
NORTH KANSAS CITY, MO.
A/C 613 842-6357

Sheet No. 2 of 3

Test #1
WELL PRODUCTION TEST DATA SHEET

Job City of Martin Date Tested April 9 & 10, 1975
Location Martin Well #1 Tested by H.L. Ivy
Diameter of Well 8" x 6" casing 16" bdr Pump Used Submersible
Depth of Well 500' Driver 30HP, 230v, 3Ø, 60hz
Measuring Device Electric line Col. & Shaft 4" pump pipe
Static W. L. 140' Bwls 20
Orifice Size 6" Rockwell meter Mfr. Reda

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW- DOWN	REMARKS
5:30 ⁴⁴⁵	Rockwell 6" meter	175	310	140	170	
6:00	"	175	310	140	170	
7:00 ⁴⁵⁵	"	175	360	140	220	
8:00 ⁶¹⁵	"	175		140	"	unable to get elect
9:00 ⁶⁷⁵	"	175		140		
10:00 ⁹³⁵	"	175		140		line past 360'
11:00 ⁷¹⁵	"	175		140		in well casing we
12:00 ⁴⁶⁵	"	175		140		are inside of
1:00 ⁸¹⁵	"	175		140		the reduced hole
2:00 ⁹¹⁵	"	175				
3:00 ¹⁰³⁵	"	175				
4:00	"	175				
5:00	"	175				
6:00	"	175				
7:00	"	175				
8:00		175				

1240 DUBLINGTON
NORTH KANSAS CITY, MO.
A/C SIG 843-0087

Test #1
WELL PRODUCTION TEST DATA SHEET

Job City of Martin Date Tested April 9 & 10, 1975
Location Well #1 Tested by H.L. Ivy
Diameter of Well 8" x 6" casing 16" ID Pump Used Submersible
Depth of Well 500' Driver 230v, 30HP, 3Ø, 60hz
Measuring Device Electric line Col. & Shaft 4" pump pipe
Static W. L. 140 Bowls 20
Orifice Size 6" Rockwell Mfg. Beda

[illegible]

1240 DUBLINGTON
NORTH KANSAS CITY, MO.
A/C 615 512-6337

Sheet No. _____

Job City of Martin Date Tested April 9 & 10, 1975
Location Martin #1 Tested by H.L. Ivy
Diameter of Well 8" x 6" casing 16" Pump Used Submersible
Depth of Well 500' Driver 30 HP 230v, 3Ø, 60hz
Measuring Device Electric line Col. & Shaft 4" pump pipe
Static W. L. 140 Bowls 20
Orifice Size 6" Rockwell meter Mfr. Reda

[illegible]

Carlson & Brown, Inc.

1900 E. 10TH STREET
MINNAPOLIS, MINN.
APR 1975

Sheet No. 1

WELL PRODUCTION TEST DATA SHEET

Job Martin, South Dakota Date Tested 5-1-75 Test #3
Location Martin #1 Tested by Howard Ivy
Diameter of Well 8" Pump Used 30HP Submersible
Depth of Well 500' Driver 30HP Electric
Measuring Device Electric line Col. & Shaft 3"
Static W. L. 139 Bore 6"
Orifice Size Rockwell meter Mfr. Reda

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW- DOWN	REMARKS
11:00						start test
11:15	37.5	160	291	139	152	clear
11:30	47.5	121.5	291	139	152	clear
11:45	46.5	129	"	"	"	"
12:00	41.5	144.5	"	"	"	"
12:15	44	136.5	"	"	"	"
12:30	43.5	138	"	"	"	"
1:00	44	156.5	"	"	"	"
1:15	45	133	"	"	"	"
1:30	45	133	"	"	"	"
1:45	45	133	"	"	"	"
2:00	48.2	122	"	"	"	"
2:15	42.0	143	"	"	"	"
2:30	46.0	159.5	"	"	"	"
2:45	47.2	127.5	"	"	"	"
3:00	45.1	131.5	"	"	"	"

Cullum & Brown, Inc.

1228 CONVENT
NORTH KANSAS CITY, MO.
A/C 115 10-1037

Sheet No. 2

WELL PRODUCTION TEST DATA SHEET

Job Hartin, South Dakota Date Tested 5-1-75
Location Hartin #1 Tested by Howard Ivy Test # 3
Diameter of Well 8" Pump Used 30HP Submersible
Depth of Well 500' Driver 30HP Electric
Measuring Device 4" electric line Col. & Shaft 3"
Static W. L. 139' Bore 6"
Orifice Size Nochwell meter Mfg. Reda

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW- DOWN	REMARKS
3:15	47.0	127.5	291	139	152	clear
3:30	47.4	126.3	"	"	"	"
3:45	45.8	131	"	"	"	"
4:00	46.5	129	"	"	"	"
4:15	46.5	121.5	"	"	"	"
4:30	45.6	111.2	"	"	"	"
4:45	46	130.7	"	"	"	"
5:00	47	127.5	"	"	"	"
5:15	47.5	126.5	"	"	"	"
5:30	47	127.5	"	"	"	"
5:45	47.2	127	"	"	"	"
6:00	47.5	126.5	"	"	"	"
6:15	47.5	126.5	"	"	"	"
6:30	47.5	126.5	"	"	"	"
6:45	47.4	126.5	"	"	"	"
7:00	47.2	127	"	"	"	"

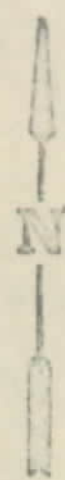
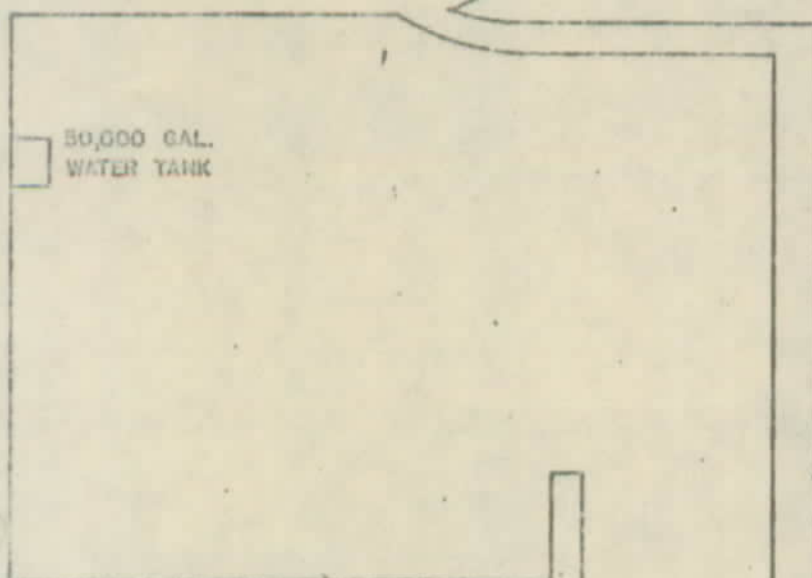
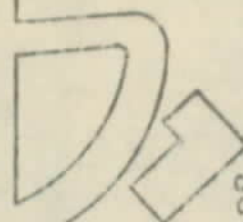
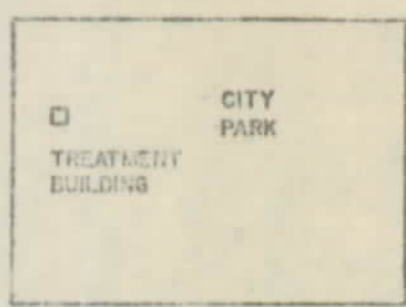


PROPOSED WELL



TREATMENT BUILDING

EXISTING WELL NO. 1



NOT TO SCALE

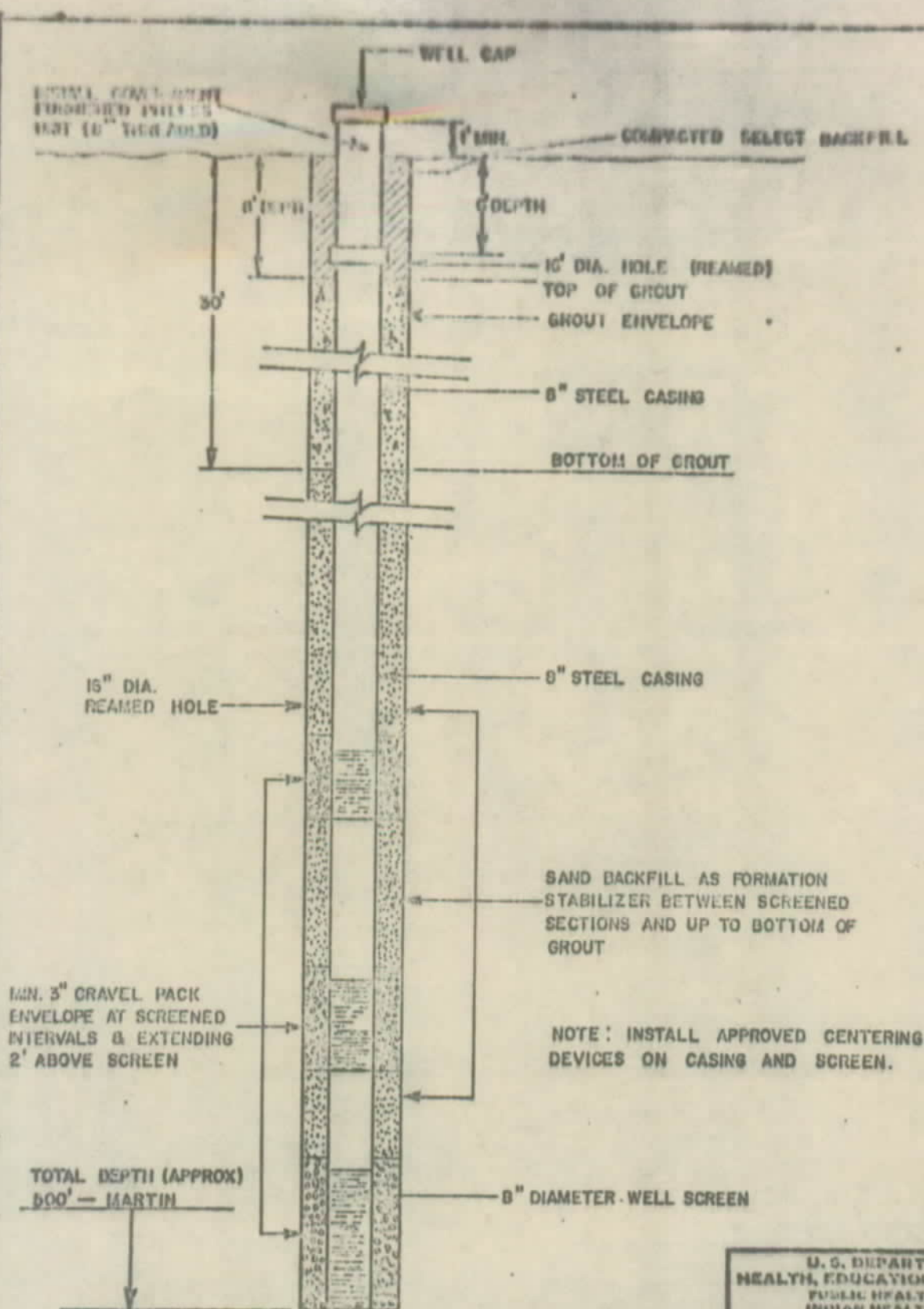
S.D. HIGHWAY

U.S. (10) & S.D. (7A)

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
INDIAN HEALTH SERVICE
ALBUQUERQUE

PINE RIDGE RESERVATION, SOUTH DAKOTA
MARTIN COMMUNITY
LOCATION MAP
PROJECT NO. AU-71-976

FOR SANITARY FACILITIES CONSTRUCTION



U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
INDIAN HEALTH SERVICE
ALBUQUERQUE, NEW MEXICO

PINE RIDGE RESERVATION, SO. DAK.
MARTIN COMMUNITY
TYPICAL DRILLED WELL WITH
MULTIPLE SCREENS & GRAVEL PACK

FOR SANITARY FACILITY CONSTRUCTION
INDIAN PUBLIC LAW 497-11



No. 1844-2

Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
(605) 773-3352

June 21, 1983

City of Martin
Box 687
Martin, South Dakota 57551

Dear Sir:

Enclosed herewith are your Vested Right Permit, Water License No. 1844-2.
This Water License is the final water right document completing your
process of obtaining a vested water right.

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

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH: ms

enclosures

SOUTH DAKOTA

VESTED WATER RIGHT CLAIM NO. 1844-2

Date of Receipt of Claim May 10, 1983.

Date of Validation March 4, 1992.

The Water Management Board validated Vested Water Right Claim No. 1844-2 for the City of Martin, PO Box 687, Martin SD 57551 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 1844-2 appropriates 0.75 cubic feet of water per second (cfs) from two wells located in the SW 1/4 SE 1/4 Section 18-T37N-R37W.
2. The appropriated water is used for supplying water for the City of Martin and may not exceed the amount of water needed for beneficial use for municipal use.

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 #1 - 0.28 cfs January 1, 1936

Well #2 - 0.47 cfs January 1, 1946

4. The water use system has been constructed and water has been applied to beneficial use.
5. Water Rights obtained in compliance with the laws of the State of South Dakota must not be unlawfully impaired by this appropriation.

WATER MANAGEMENT BOARD

By: 
Chief Engineer

MAY 12 1992

date

Division of Water Rights
Dept. of Environment and Natural Resources



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

MAY 12 1992

City of Martin
Janet Speidel, Finance Officer
PO Box 687
Martin SD 57551-0687

Dear Ms. Speidel:

The Water Management Board has validated the enclosed Vested Water Right No. 1844-2. 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.

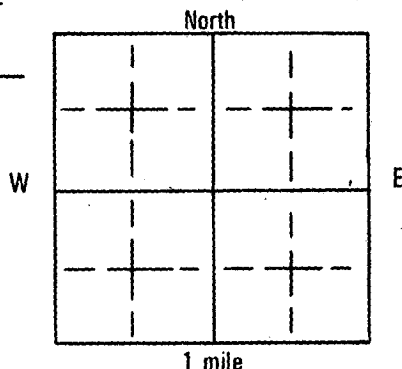
Very truly yours,

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

enclosure

SOUTH DAKOTA WELL AND TEST HOLE PLUGGING REPORT

10-85

Location 1/4 SE 1/4 Sec 18 Twp 37N Rg 37W ^{18W}No. I Clark Well
County BennettPlease mark well
location with
an "X"

Well Owner:

Name City of MartinAddress Martin, South Dakota 57551Location: Lots 13 & 14, Block 8
First AdditionPlugging completion Date May 1996

CHECK APPROPRIATE BOX

EXISTING WELL ☒TEST HOLE ☐Well depth 500'Casing material SteelCasing size(s) 10Casing condition Fair

Hole depth _____

Hole size _____

Describe plugging procedure: Well crew removed well house. Pulled 375' of 4"
pump column, 40 H.P. 10 stage, 175 gal. submersible pump and 385' of wire.Describe grout or plugging material: Back filled 10" casing with 1/8" to 1/4" pea rock
that had been chlorinated to 250". Then 13 bags of 50 lbs hole plug
capped the pea rock. Then 1400 lbs neat cement pumped through treame
pipe. Then pea rock to 30' and neat cement to surface.

Type of non-slip plug: _____

This well or test hole was plugged under license # 451 And this report is true and accurate.Drilling firm Doug O'Bryan Contracting, Inc.Signature of Licensed Representative [Signature]Signature of Well Owner [Signature]Date 7/11/96

SOUTH DAKOTA WELL AND TEST HOLE PLUGGING REPORT

10-85

Location 1/4 SE 1/4 Sec 18 Twp 37N Rg 37WNo. II Goetzinger Well
County Bennett

North

W

E

1 mile

Well Owner:

Name City of MartinAddress Martin, South Dakota 57551Location: Lot 11, Block 12
First AdditionPlugging completion Date May 1996Please mark well
location with
an "X"

CHECK APPROPRIATE BOX

EXISTING WELL

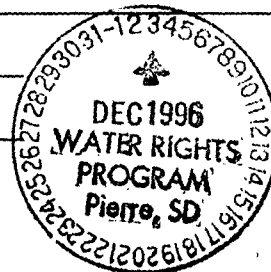


TEST HOLE

Well depth 500'Casing material SteelCasing size(s) 12"Casing condition Fair

Hole depth _____

Hole size _____

Describe plugging procedure: Removed 25 H.P. right angle drive. Pulled 340' of 4"
pump column pipe and center shaft.Describe grout or plugging material: Back filled 12" casing with 1/8" to 1/4" pea rock
that had been chlorinated to 250'. Then 13 bags of 50 lbs hole plug
capped the pea rock. Then 1400 lbs neat cement pumped through treame
pipe. Then pea rock to 30' and neat cement to surface.

Type of non-slip plug: _____

This well or test hole was plugged under license # 451 And this report is true and accurate.Drilling firm Doug O'Brien Cont. Inc.Signature of Licensed Representative Doug O'BrienSignature of Well Owner BY J. H. HufDate 7-16-96



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

APR 23 1998

Janet Speidel, Finance Officer
City of Martin
PO Box 687
Martin SD 57551-0687

Dear Ms. Speidel:

Enclosed are Reissued Water Licenses Nos. 677-2 and 1844-2. The licenses are being reissued to accurately reflect the water use by the City of Martin.

The applicable portions of No. 1843-2 have been incorporated into Water Right Nos. 677-2 and 1844-2.

As long as the City of Martin uses the water beneficially, as stated in the Water Licenses, State Water Laws proved that the City has a continuing right to use the water.

Very truly yours,

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

ks

enclosures

STATE OF SOUTH DAKOTA

REISSUED VESTED RIGHT WATER LICENSE NO. 1844-2

(1) The City of Martin, PO Box 687, Martin SD 57551 was issued Water License No. 1844-2, for a vested right claim to appropriate 0.75 cubic feet of water per second from groundwater (two wells), Bennett County, South Dakota, for municipal purposes. Vested Water Right No. 1844-2 was validated March 4, 1992 with priority dates of January 1, 1936 and January 1, 1946. Construction of the described water supply system and application of water to beneficial use has been completed and complies with applicable provisions of South Dakota State Law.

Water Rights associated with the water use system for the City of Martin:

		Amount	Priority date
Vested Right Claim No. 1844-2	Well #1	0.28 cfs	January 1, 1936
	Well #2	0.47 cfs	January 1, 1946
Water Right No. 677-2	Well #3	0.55 cfs	April 7, 1961
Water Right No. 1843-2	Well #4	0.40 cfs	May 10, 1983

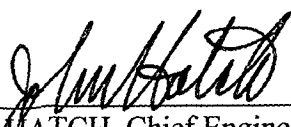
The two wells (Well #1 and #2) originally authorized by No. 1844-2 have been abandoned and plugged. This water license is being reissued to transfer the vested right priority dates to the two existing wells being utilized by the City (Well #3 and #4) as listed below:

		Amount	Priority date
Water Right No. 677-2	Well #3	0.47 cfs	April 7, 1961
Vested Right Claim No. 1844-2	Well #3	0.35 cfs	January 1, 1946
	Well #4	0.28 cfs	January 1, 1936
	Well #4	0.12 cfs	January 1, 1946

The applicable portions of No. 1843-2 have been incorporated into Water Right Nos. 677-2 and 1844-2. The two existing wells for the City are capable of producing a total of 1.22 cfs.

(2) The City of Martin is entitled to divert 0.75 cubic feet of water per second for beneficial use. The location of the diversion points are: Well #3 & Well #4 - NW 1/4 SW 1/4 Section 17-T37N-R37W.

(3) Pursuant to Section 46-5-30.1 the City of Martin, PO Box 687, Martin SD 57551-0687 the holder and/or owner of Vested Water Right No. 1844-2 is issued a license to appropriate 0.75 cubic feet of water per second from groundwater (two wells) with priority dates of January 1, 1936 (0.28 cfs) and January 1, 1946 (0.47 cfs) from the location specified in (2) of this license for municipal use. This license is subject to any limitations, conditions or qualifications listed in Vested Water Right No. 1844-2 and subject to South Dakota State Law.



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

APR 23 1998

date



County of Bennett Well #1

CITY OF MARTIN

OFFICE OF CITY CLERK
MARTIN, SOUTH DAKOTA

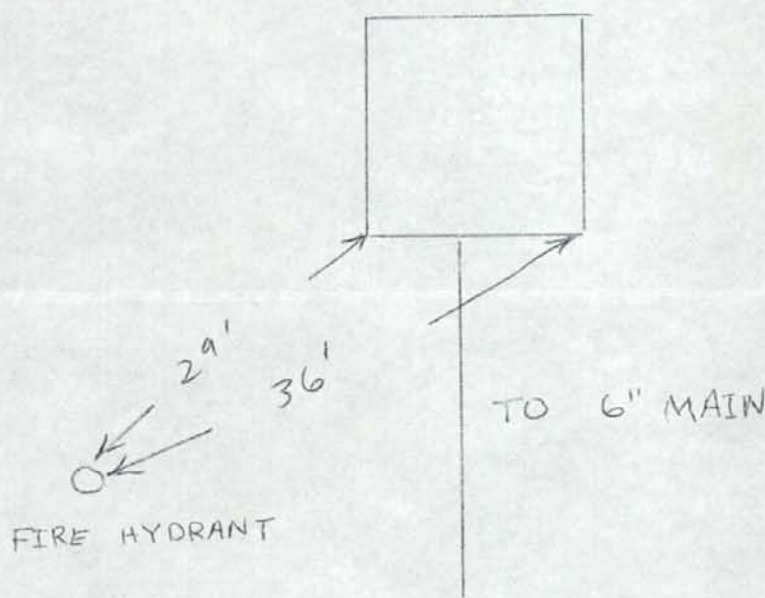
1725'W 937'N

from SE corner S.18, T.37N,
R.37W



LOTS 13 + 14, BLOCK 8, FIRST ADDITION TO CITY

SIXTH AVENUE



MAIN STREET

Clayton C. McCue

Clayton C. McCue

Water Supt.

10/2

Appl & Map # 1844-2

County of Bennett

CITY OF MARTIN

OFFICE OF CITY CLERK
MARTIN, SOUTH DAKOTA

Well #2

2137'W 1125'N

from SE corner S.18, T37N,

R37W

COTTON FIBER CONTENT

MAIN STREET

WATER METER
PIT TO SERVICE

TO 6" MAIN

FIFTH
AVENUE

LOT 11, BLOCK 12, FIRST ADDITION TO CITY

Clayton C. McCue
Clayton C. McCue

Appl & Map # 1844-2

2082

SWSE