1003

State of Montana }
County of Gallatin } ss.

Filed Dec 3 1963

at 2:04 o'clock P M.

COUNTY CLERK & RECORDER

By DEPUTY

Fee $ 2.50

Approved Stock Form—State Publishing Co., Helena, Montana—35687 36

File No. _____

T 2S R 2E

DUPLICATE

County Gallatin

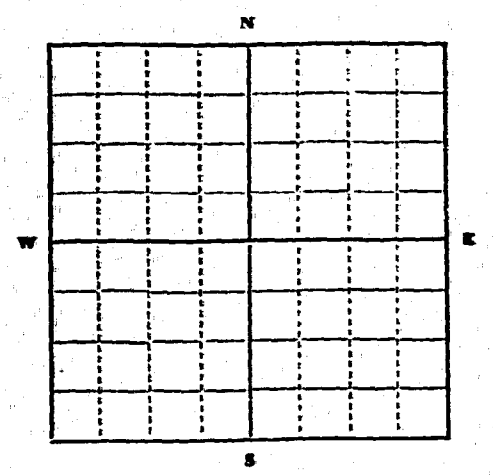
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I William Heavner of Manhattan, Montana.
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼ Sec 36 T 2S R 2E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household use & lawn irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1885 to date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lots (11) & (12) + 90 ft. off East end of Lot 13, in Blk 5 of Townsite of Logan, Mont.
William Heavner

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pumping system. Well near house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1895 / 1964.

8. The depth of water table 45 ft. at lowest water table.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 90 ft. in depth. with 4" metal casing. 1½ suction pipe on 2½ H.P. A.C. driven pump

10. The estimated amount of groundwater withdrawn each year 200,000 gals

11. The log of formations encountered in the drilling of each well if available Sand & clay, gravel.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Stock Abstract # 5830

Signature of Owner William Heavner

Date Dec 28-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33388

State of Montana)
County of Gallatin) ss.

Filed Dec 30, 1963
at 4:4 o'clock A M.
Earl Walton
COUNTY CLERK & RECORDER
By Ida T. Morrow DEPUTY
Fee $ 2.00 Pd.

GW

Approved Stock Form—State Publishing Co., Helena, Montana

36

File No.

T 2S R 2E

DUPLICATE

County Gallatin

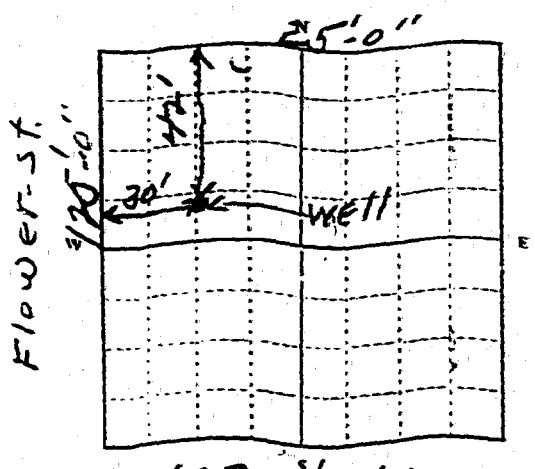
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Frank E. Peterson and Elsie L. Peterson of Box 597 Logan,
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Is for Household use and service station use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 18,1950 and continous since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (35) Thirty five min Gallons per.min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water drawn from the ground by a deep well pump, location of well shown on plat above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction of well atarted June 15,1950 and completion of construction was june 18,1950.

8. The depth of water table Thirty nine feet (39') Water level at continous pumping is 63'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 6" casing, seventy four feet deep.

Well was drilled by Bert VanDyken

10. The estimated amount of groundwater withdrawn each year Estimated ground water drawn each year is 73,000 Gal. (estimated

11. The log of formations encountered in the drilling of each well if available
12' topsoil 14' gravel, 13' hard pan, 10' sand and gravel, 25' Lime stone.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No other information available

Signature of Owner Frank E. Peterson

Signature of Owner Elsie L. Peterson

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35766

145

County, ss.

Dec -31, 1963

9.24 o'clock A. M.

E. I. Walker

COUNTY CLERK AND RECORDER.

By

25

36

GW

Approved Stock Form—State Publishing Co., Helena, Montana

File No.

T 28 R 2 E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

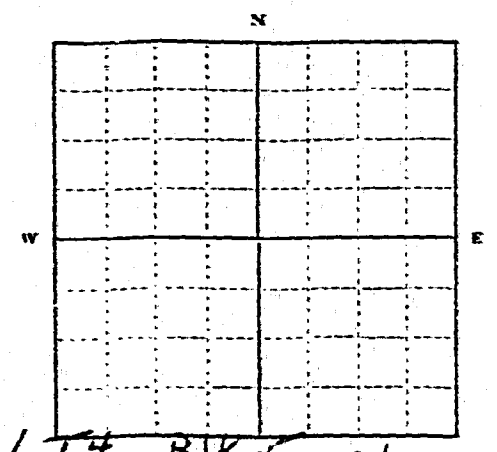
RECEIVED
APR 21 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Florence Rose Rooney, of 918 W Curtiss Bozeman
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 4 Blk 5 A.P. Logan

¼ Sec 36 T 28 R 2 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
House hold

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1910
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
80 Ft deep

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1910

8. The depth of water table 20 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
80 FT deep

10. The estimated amount of groundwater withdrawn each year Normal Household use

11. The log of formations encountered in the drilling of each well if available
Not Known

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Florence Rose Rooney

Date April 16, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35609

~~#1846~~
#1846

State of Montana }
County of Gallatin } ss.

Filed April 16, 1964

at 4:45 o'clock P M.

EARL WALTON
COUNTY CLERK & RECORDER

By A. C. Hartwell
DEPUTY

Fee $ 2.00 pd

GROUNDWATER INDEX

County Gallatin Twp. 2S Rge. 3E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Broekema Henry	GW4	842	+
1	Visser Jake	GW4	1574	+
2	Lee Harry	GW4	1446	+
2	Simons George T.	GW4	859	+
4	Doubles Ranches Inc	57 Well Log	247	+
4	Doubles Ranches Inc	GW2	554	+
4	Simons George T	GW4	860	+
5	Kamp Bert Jr.	GW2	545	+
10	Viterdyk Henry	GW4	789	+
11	Alberda Henry N.	GW4	1390	+
11	Visser Jake	GW3	896	+
11	Visser Jake	GW4	897	+
12	Blaakema Rene &	GW4	1179	+
	Blaakema Jeanne			
12	Broekema Henry	GW4	844	+
12	Brokema Peter	GW4	903	+
13	Vander Vos Herman	GW3	978	+
14	Westra Henry	GW4	521	+
16	Wierda Harold and	GW3	580	+
	Wierda Gene			
17	Elkema Henriette	GW4	1919	+
19	DeHaan Henry Jr	57 Well Log	366	+
19	Visser Chris	57 Well Log	317	+
20	Elkema Henriette	GW4	1917	+
20	Elkema Henriette	GW4	1918	+
21	Northern Pacific Railway Co	GW4	775	+
22	Island District #61	57 Well Log	318	+
23	Lee Andrew N.	GW4	1760	+
35	Broekema Henry	GW4	843	+

G

Approved Stock Form—State Publishing Co., Helena, Montana—4921

File No.

T 2S R 3E

TRIPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 12 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Henry Brockma (Name of Appropriator), of Route 1 (Address) Manhattan (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N — W — E — S

NW ¼ Sec. 1 T 2S R 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based: well for home use and cattle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: all year through

4. The amount of groundwater claimed (in miner's inches or gallons per minute): not applicable

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pressure system

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Put well in January 1926

8. The depth of water table: 50 ft below surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Reo jacket pump

10. The estimated amount of groundwater withdrawn each year: Don't know

11. The log of formations encountered in the drilling of each well if available: White sand and thin hard pan

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner: Henry Brockma

Date: Nov. 25 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

8650

#842

State of Montana)
County of Gallatin) ss.

Filed December 10, 1963

at 2:00 o'clock P M.

EARL WALTON
COUNTY CLERK & RECORDER

By [signature]
DEPUTY

Fee $2.00 pd.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—58687 3

File No.

T 2S R 3E

DUPLICATE

County Gallatin

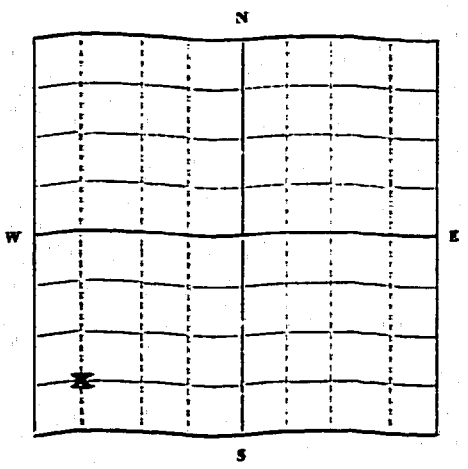
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I JOHN VISSER of R. R. #1 Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼ Sec. 1 T 2S R 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based For domestic use and irrigation of yard and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous for over twenty years

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof For building site and domestic use as indicated on diagram to left

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater The well is ____ feet in depth with a 6" casing and 2" galvanized pipe.

10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner John Visser

Date December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35888

1574

State of [illegible]
County of [illegible]
Filed Aug. 31 [illegible]
[illegible] 1:56 [illegible]
[illegible] Hatton

By
Fee $

Approved Stock Form—State Publishing Co., Helena, Montana—62734

File No. _____

DUPLICATE

T 2 S R 3 E

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1963

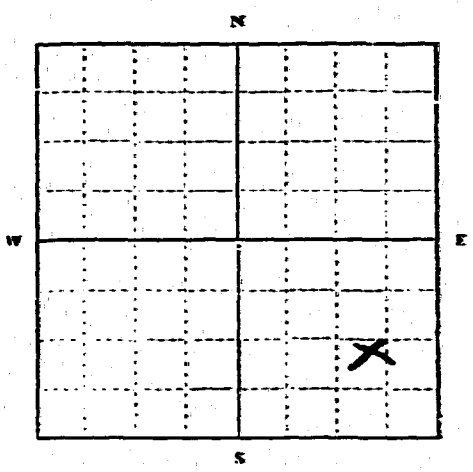
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Leep Box 105, of Manhattan Route 1
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼ SE Sec. 2 T. 25 R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Water for household use & sprinkling

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Has been used since 1941 and will continue to be indefinitely

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof To be used sprinkling lawn & garden on land described

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pedestal Deepwater Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec 1941

8. The depth of water table 125 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 4½ inch casing

10. The estimated amount of groundwater withdrawn each year 1,500,000 Gallons

11. The log of formations encountered in the drilling of each well if available —

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Henry Leep
Signature of Owner Edith Leep

Date 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35760

1446

(Yellow County) ss.
State of Montana)

Filed Dec. 31 1963

at 9:18 o'clock A M.

Lee Walton
COUNTY CLERK & RECORDER

By _____ DEPUTY

Fee $ 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—39089 2

File No.

T 2S R 3E

DUPLICATE

County Gallatin

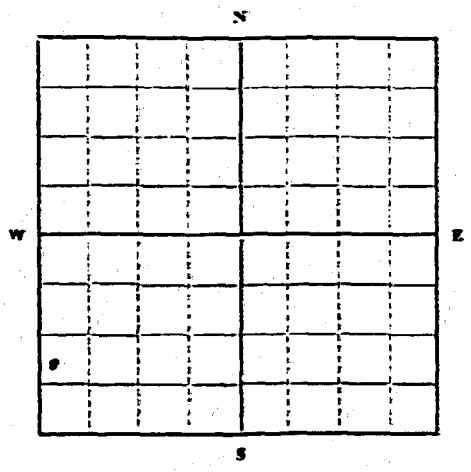
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I George T Simmons of RT Box 102 Manhattan
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962 as follows:



SW ¼ Sec. 2 T. 25 R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water Dairy operation. House / family use. water lawn / Garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 · at all times

4. The amount of groundwater claimed (~~in miner's inches~~ or gallons per minute) 1 gallon per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof farm Garden ½ acre of Lawn George T Simmons

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1912 do not know date

8. The depth of water table 110 ft when last measured Dec 1962

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

Drilled well. 4 inch casing 375 ft deep

10. The estimated amount of groundwater withdrawn each year 525 600 gallon

11. The log of formations encountered in the drilling of each well if available

not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner George T Simmons

Date Dec 10 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

92 6

#859

State of Montana } ss.
County of Gallatin }

Filed December 13, 1963

at 11:22 o'clock A M.

EARL WALTON
COUNTY CLERK & RECORDER

By Lucille M. Mahoney
DEPUTY

Fee $ 2.00 pd

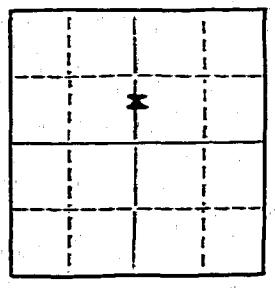
H

T 2 S. R # 3.E.

Gallatin
County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Doornbos Ranches Inc. Address 27 N.Tracey

Driller Chas.White (Dead) Address

Date Started Jan 4-1902 Date Completed June 1-1918

Location: Sec 4 T 2 S. R 3.E ¼ sec North 1/2 of 4

Type of well Dug. Driven (Dug, driven, bored, or drilled) Equipment used Last Drilled (Churn drill, rotary, other)

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [X]

Industrial [ ] Drainage [ ] Other:

Casing: 50 ft. to 60 ft. Type Iron Size 6in

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 6 Feet from top feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 8 Feet feet at gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
	60 Feet	Clay, Gravel, Sand.

Gallatin County,
State of Montana. } ss.

Filed ____ 19__
at ____ o'clock ____ M.

COUNTY CLERK & RECORDER

By ____ DEPUTY

Fee $ ____

GW2

File No.

DUPLICATE

4

T 1S R 3E

County GALLATIN

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner DOORNBOS RANCHES INC. Address BOZEMAN, MONT.

Driller VAN DYKEN DRILLING CO. Address BOZEMAN, MONT.

Date of Notice of Appropriation of Groundwater

Date well started MAY 28, 1962 Date Completed June 7, 1962

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Reverse rotary (Churn, drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

☞ Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground

(Elev. above sea level)

0–18 Soils and clay
18–20 coarse gravels
20–25' Soft tan hardpan
25–35' same
35–45' Same but harder.
45–50' Same but very hard.
50'–56' Soft sandstone very porous.
56–60' buffcolor hardpan clay.
60–65' Buff color hardpan with several small lenses of sandstone.
65–74' Blue shale with several lenses of snadstone 4" to 6" thick.
74–76' rusty color sandstone.
76–103' Blue shall with several smalR lenses of sandstone.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
32"	16" ¼" wall	0	103	¼" 2" long	23'	53'
					63'	83'
					93'	103'

N
W E
S

SW¼NE¼ Sec. 4 T 1S R 3E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 13' feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 80' feet at 600 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Turbine pump Length of Test 12 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) 16" casing is centered in the 32" hole and annular space is gravel packed with ¼" to ½" washed gravels.. to be further developed at a later date.

LICENSE NO. 1
Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3477

#554

State of Montana }
County of Gallatin } ss.

Filed November 13, 1962
at 8:50 o'clock A. M.

EARL WALTON
COUNTY CLERK & RECORDER
By Judith A. Maxwell
DEPUTY

Fee $2.00 pd

GW-1 filed as #322.

Approved Stock Form—State Publishing Co., Helena, Montana—39089 4

File No.

T 25 R 3 E

DUPLICATE

County Gallatin

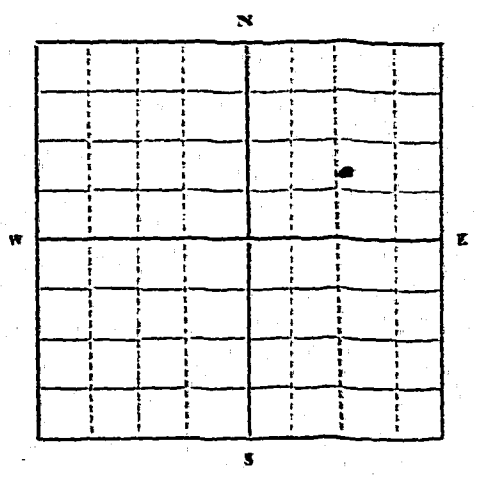
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I George T Simmons (Name of Appropriator) of Box 102 (Address) Manhattan (Town)
County of Gall. State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ NE ¼ Sec. 4 T. 25 R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water Family use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910. At all times ~~500 gallons a day~~

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons a day

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Farm Garden & Lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910. Do not know date of month

8. The depth of water table 75 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well. 4 in Casing 150 ft

10. The estimated amount of groundwater withdrawn each year 182 500 gal.

11. The log of formations encountered in the drilling of each well if available not available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner George T Simmons

Date Dec 13 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

9219

#860

State of Montana }
County of Gallatin } ss.

Filed December 13, 1963
at 11:24 o'clock A M.
EARL WALTON
COUNTY CLERK & RECORDER
By Lucille A. Maxwell
DEPUTY
Fee $ 2.00 pd

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.

DUPLICATE

T 2 S R 3 E

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 15 1962
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level)

0/6 Clay

6/48 Clays (soft)

48/76 Clays. (harder)

76/77 Broken rock. 5 G.P.M. water

77/145 soft Blue shale. More water every 5' of hole.

145/160 Clay with shale Seems (less water)

T.D. 160'

Owner Bert J. Hamp. Address

Driller Van Dyken Drilling Co. Address Bozeman

Date of Notice of Appropriation of Groundwater none

Date well started Dec. 15/62 Date Completed Dec. 21/62

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Cable tools (Churn, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17# P.E.	6	150	1/4" X 3"	80	145

N

W E

S

¼ Sec. 5 T 25 R 3 E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

160'

Show exact depth of bottom.

Static Water Level for non-flowing Well 50 feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 125 feet at 24 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Bailer Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

License No. 1
Driller's License Number

Kent Van Dyken
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

2233

545

State of Montana }
County of Gallatin } ss.

Filed Oct 11, 1962

at 12 45 o'clock P M.

Earl Walton

COUNTY CLERK & RECORDER

By Ila J. Morrow DEPUTY

Fee $ 2.00 Pd.

G

Approved Stock Form—State Publishing Co., Helena, Montana—3687

10

File No.

T 2 S R 3 E.

DUPLICATE

County Gallatin

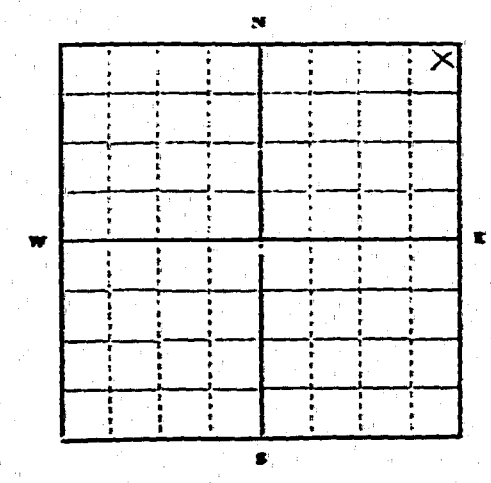
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 29 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Henry Uiterdyk of Manhattan
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ Sec 10 T 25 R 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock and household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 and continuously thereafter

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 gallons per hour

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof garden, lawn and trees surrounding buildings

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910

8. The depth of water table 90 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 250 feet

10. The estimated amount of groundwater withdrawn each year 150,000 gallons

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Henry Uiterdyk

Date Nov. 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#789

State of Montana }
County of Gallatin } ss.

Filed November 27, 1963
at 2:10 o'clock P M.
EARL WALTON
COUNTY CLERK & RECORDER
By Lucille A. Mayfield
DEPUTY
Fee : 2.00 pd

GW

Approved Stock Form—State Publishing Co., Helena, Montana—1921

File No.

T 2 S R 3 E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

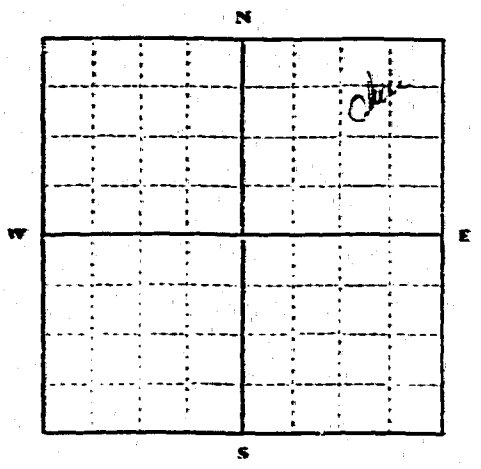
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I HENRY W. ALBERDA (Name of Appropriator), of BOX 99 (Address) MANHATTAN (Town)

County of GALLATIN State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ Sec. 11 T 2S R 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ~~Appx~~ 1910

8. The depth of water table ~~210~~ 4'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year 547,500 gal.

11. The log of formations encountered in the drilling of each well if available Not AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner [signature]

Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

3510 L

13[illegible]

1390

State of [illegible] ss.
County of Calaveras)

Filed 12-31, 1953
at 2:45 o'clock M.
Earl Walton
COUNTY CLERK & RECORDER
By [illegible] DEPUTY
Fee $ [illegible]

GW 3 Approved Stock Form—State Publishing Co., Helena, Montana—59318

11

File No.

T 2 S R 3 E

DUPLICATE

County Gallatin

RECEIVED
DEC 19 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910

Owner John Vissers Address Manhattan

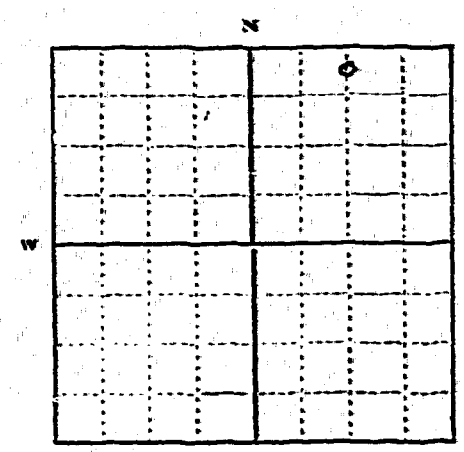
Contractor (if any)

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable

Well for Home use and stock water



NE¼ Sec. 11 T 2S R 3E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Signature of Owner John Vissers

Date Dec. 17 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

10216

894

State of Montana } ss.
County of Gallatin } Dec. 18

Filed 8:10 1963

at _____ o'clock ___ M.

Earl Walton
CLERK & RECORDER

By Ida T. Morrow
DEPUTY

2.00 Pd.

Fee $ _____

GV

Approved Stock Form—State Publishing Co., Helena, Montana—1921

11

File No.....

T 2 S R 3 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

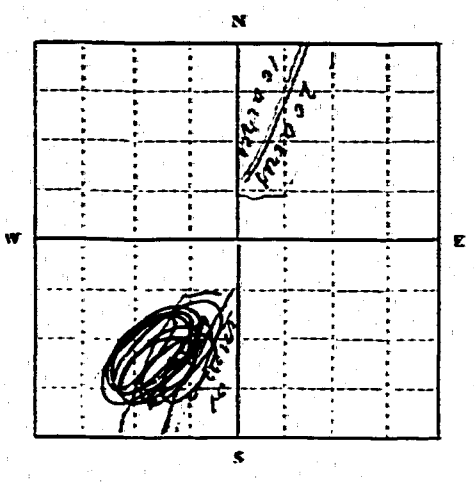
RECEIVED
DEC 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John Tissen, of Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ 11 Sec. E½ T. 2 S. R. 3 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based irrigation Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been from 1926 and there after kept to this time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 miner inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 30 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....

8. The depth of water table.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....

10. The estimated amount of groundwater withdrawn each year.....

11. The log of formations encountered in the drilling of each well if available.....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner John Tissen

Date Dec. 17-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

10277

897

State of Montana } ss.
County of Gallatin }

Filed Dec. 18, 1962
at 11:15 o'clock A. M.
EARL WALTON
COUNTY CLERK & RECORDER
By Ida T. Morrow DEPUTY
Fee $ 2.00 Pd.

G\

Approved Stock Form—State Publishing Co., Helena, Montana

12

File No._____

T 2 S R 3 E

DUPLICATE

County_____

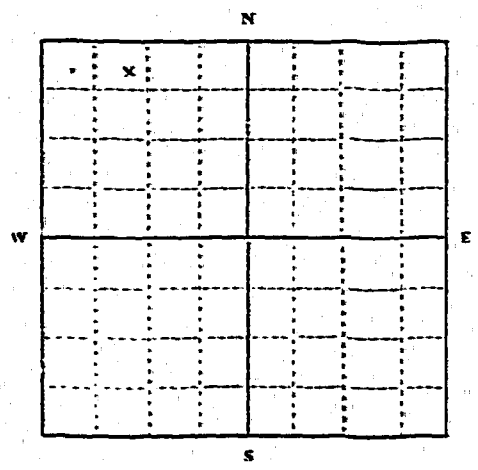
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Renk Hannie Blanksma of 318 West Villard Street
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana Bozeman
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S ½ Sec. 12 T 2 S R 3 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water and general use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1965 used ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallon per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Lawn and garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Cylinder pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1965

8. The depth of water table 40

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 101 ft deep 4 inch casing

10. The estimated amount of groundwater withdrawn each year 250,000 gal

11. The log of formations encountered in the drilling of each well if available shale and sand gravel and sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Hannie Blanksma

Date Dec 26 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33319

1179

State of Montana } ss.
County of Gallatin }

Filed 12 - 30, 1963
at 8 44 o'clock A M.

COUNTY CLERK & RECORDER

By [signature] DEPUTY

Fee $ 2.00

Gr

Approved Stock Form—State Publishing Co., Helena, Montana—1921 ~~46~~ p3 12

File No.....

T 2S R 3E

TRIPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

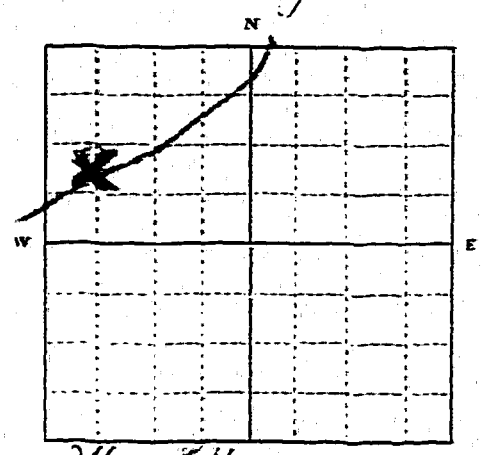
RECEIVED
DEC 12 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Brockema of Route 1 Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



on NW¼ of SE¼ of ¼ Sec. 12 T 2S R 3 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Well for home and cattle use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been All year through

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not Applicable.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not Applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pressure system

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well put in est. in 1932.

8. The depth of water table 10 ft below surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available Rock and then hard pan

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Henry Brockema

Date Dec 2 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

7652

#344

State of Montana }
County of Gallatin } ss.

Filed December 10, 1963

at 2:02 o'clock P M.

EARL WALTON

COUNTY CLERK & RECORDER

By [signature]

DEPUTY

Fee $ 2.00 pd

G Approved Stock Form—State Publishing Co., Helena, Montana—1921 3 12

File No. T 2 S R 3 E

DUPLICATE County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 6 1963
STATE ENGINEER

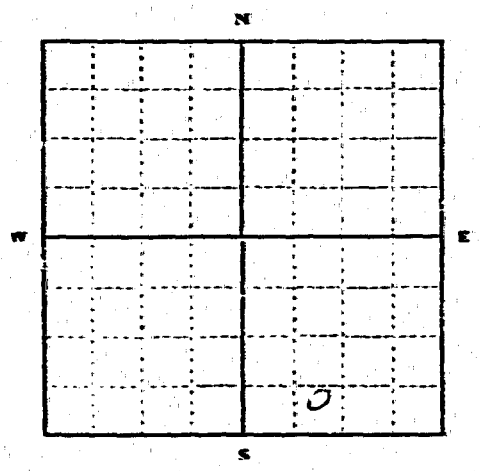
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Peter Brockema (Name of Appropriator), of Manhattan (Address) (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ Sec. 12 T. 2S R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

NE¼ NW¼ NW¼

2. The beneficial use on which the claim is based Livestock Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1913 used Everyday

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill and Fuel Co Pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1913

8. The depth of water table 35'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater This well was drilled to 140 ft deep and has 4"x 5" Casing

10. The estimated amount of groundwater withdrawn each year 500 to 1000 gal per day

11. The log of formations encountered in the drilling of each well if available Unknown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Pete Brockema

Date 12-4-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

563

State of Montana)
County of Gallatin) ss.

Filed Dec. 5, 1963

at 10:30 o'clock A.M.

COUNTY CLERK & RECORDER

By _____ DEPUTY

Fee $ 2.00 pd

3

Approved Stock Form—State Publishing Co., Helena, Montana—39112

13

File No.

T 2 S R 3 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-17-1963

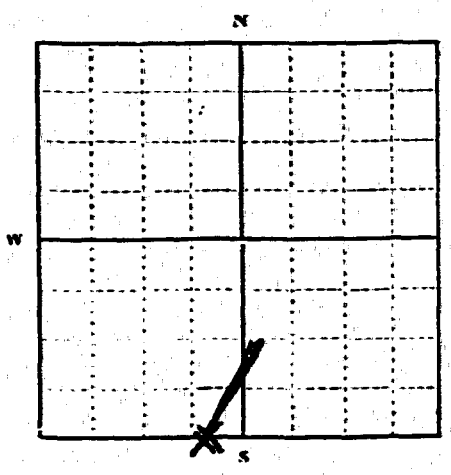
Owner Herman Vander Voo Address R. 1 Bozeman

Contractor (if any)

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable



SW¼NW¼ Sec. 13 T. 2S R. 3E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use spring

Livestock use

year around

Signature of Owner Herman Vander Voo

Date 12-17-1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

12098

#978

State of Montana } ss.
County of Gallatin }

Filed December 23, 1963
at 9:20 o'clock A M.
EARL WALTON
COUNTY CLERK & RECORDER
By Earl A. Walton
DEPUTY
Fee $2.00 pd

GB Approved Stock Form—State Publishing Co., Helena, Montana—38687 3

14

File No.

T 2 S R 3 E

DUPLICATE

County Gallatin

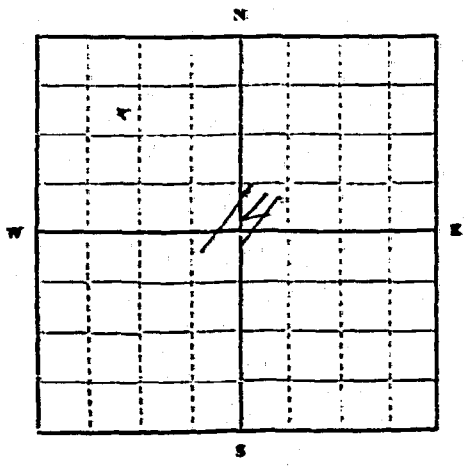
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Henry Westra of Manhattan
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 14 T. 2 S. R. 3 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based general farmstead use. Household, dairy, watering stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous use since March 25, 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gals a minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Only for lawn and garden (½ acre) Only when high line canal is dry.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal an electric jet pump. One horsepower motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 25, 1948

8. The depth of water table 60 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater This well is seven inches in diameter 150 ft. deep. The water is ninety feet deep, rising to within 60 ft. from ground surface.

10. The estimated amount of groundwater withdrawn each year 100,000 gallons a year

11. The log of formations encountered in the drilling of each well if available 1

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Henry Westra

Date 8/15/62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1973

#521

State of Montana)
County of Gallatin) ss.

Filed August 15, 1962
at 11:38 A. o'clock ___ M.
EARL WALTON
COUNTY CLERK & RECORDER
By Lucille A. Mayfield
DEPUTY
Fee $2.00 pd

f 3

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No. _____

T 2 S R 3 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 22 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

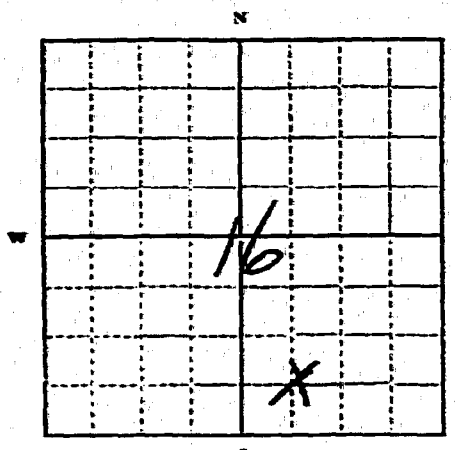
Date of Appropriation of Groundwater Before 1900

Owner Harold Wierda, George Wierda Address Manhattan Mont.

Contractor (if any) none

Address of Contractor _____

Dare Started Unknown Date Completed not applicable



SE ¼ Sec. 16 T 25 R 3 E

Indicate point of appropriation and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Natural spring

Stock Garden & Lawn & Domestic Use

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use May thru Sept for irrigation.

Estimated 50 inches

Womack use all year

Signature of Owner Harold Wierda, George Wierda

Date Dec 28, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

3325

#580

State of Montana } ss.
County of Gallatin }

filed Jan 21, 1963
at 3:45 o'clock P.M.
Earl Walker
County Clerk and Recorder

By

GW

Approved Stock Form—State Publishing Co., Helena, Montana—C75

File No.

T 2S R 3E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE WATER CONSERVATION BOARD
RECEIVED
JUL 22 1965

Declaration of Vested Groundwater Rights

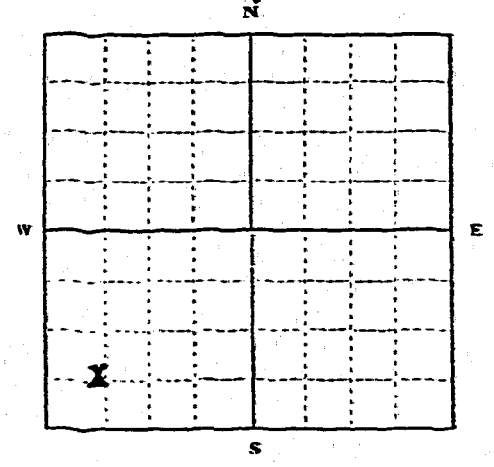
REFERRED TO

(Under Chapter 237, Montana Session Laws, 1961)

I Henrietta Flikkema, of Route one Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ SW Sec. 17 T2S R3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 193 Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gall. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approximately - 1936

8. The depth of water table 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater, drilled well - 4 inch casing 50 foot depth

10. The estimated amount of groundwater withdrawn each year 500,000 - gallons

11. The log of formations encountered in the drilling of each well if available unknown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Henriette Flikkema

Date July 21, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

3316

#1919

State of Montana }
County of Gallatin } ss.

Filed July 21, 1965
at 10:40 a'clock A. M.
CARL L. STUCKY
COUNTY CLERK & RECORDER
By [signature] DEPUTY
Fee $ 2.00 pd

19

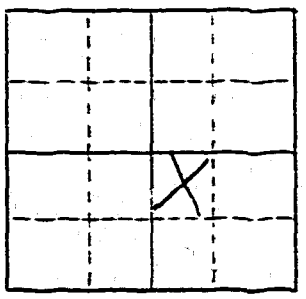
Form No. 18
8-60

T. 2 S R. 3 E

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log



Owner Henry DeHaan Jr. Address Manhattan Montana

Driller C White Address Manhattan

Date Started _____ Date Completed 1920

Location: Sec. 19 T. 2 S R. 3E ¼ sec. S W ¼

Type of well Drilled (Dug, driven, or drilled) Equipment used drill (Churn, drill, rotary, other)

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [ ]

Industrial [ ] Drainage [ ] Other _____

Casing: 40 ft. to _____ ft. Type galvanized Size 6 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: 12 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 15 feet at 15 gal. per min. _____

How tested: Pressure Pump

Length of test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

#366

Gallatin County,
State of Montana. ss.

Filed Dec 27, 1961

at 2:27 o'clock P M.

Earl Walton
COUNTY CLERK & RECORDER

By [illegible]
DEPUTY

Fee $ 2.00

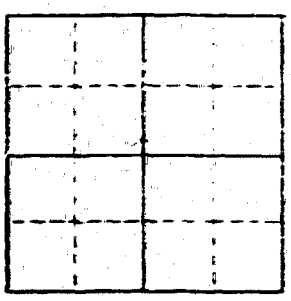
Form No. 15
8-60

T. 23 R. 3E 19

County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1961
STATE ENGINEER



Water well Log

Owner Address

Driller Address

Date Started Date Completed

Location: Sec. T. R. ¼ sec.

Type of well (Dug, driven, or drilled) Equipment used (Churn, drill, rotary, other)

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Form No. 18
8-60

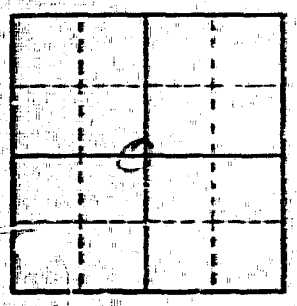
T. 23 R. 3E 19

County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962
STATE ENGINEER

Water Well Log



Owner [illegible] Address [illegible]

Driller [illegible] Address

Date Started 1946 Date Completed 1940

Location: Sec. 19 T. [illegible] R. [illegible] ¼ sec. [illegible]

Type of well [illegible] Equipment used
(Dug, driven or drilled) (Cable, drill, rotary, other)

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other

Casing: 1 ft. to 16 ft. Type [illegible] Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: 5 feet.

Shut-in pressure, for flowing well: lb./sq. in. on:
(date)

Pumping water level 10 feet at [illegible] gal. per min.

How tested: [illegible]

Length of test [illegible]

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

#317

Gallatin County,
State of Montana. } ss.

Filed Dec 28, 1961

at 4:10 o'clock P M.

Earl Walton
COUNTY CLERK & RECORDER

By [illegible]
DEPUTY

Fee $ 2.00 pd

Approved Stock Form—State Publishing Co., Helena, Montana

File No. _____

T 2S R 3E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

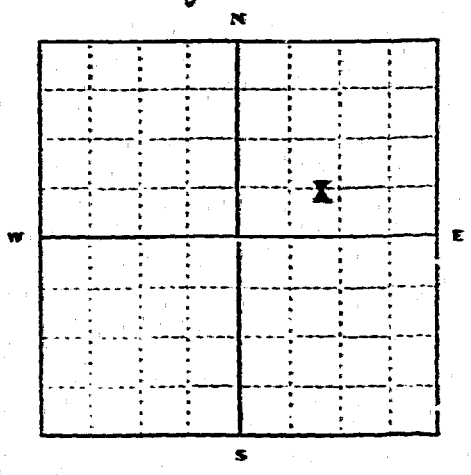
STATE WATER CONSERVATION BOARD
RECEIVED
JUL 22 1965

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Henrietta Flikkema, of Route one Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ NE Sec. 20 T. 2S R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 1930 — Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal — pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately - 1930

8. The depth of water table 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well - 4 inch Casing 50 feet depth

10. The estimated amount of groundwater withdrawn each year 500,000 - gallons

11. The log of formations encountered in the drilling of each well if available unKnown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Henrietta Flikkema

Date July 21, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

#1917

State of Montana } ss.
County of Gallatin }

Filed July 21 1965
at 10:30 o'clock A. M.
CARL L. STUCKY
COUNTY CLERK & RECORDER
By Lucille A. Maxwell
DEPUTY
Fee $ 2.00 pd

GW

Approved Stock Form—State Publishing Co., Helena, Montana—0234

File No. _____

T 2S R 3E 20

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE WATER CONSERVATION BOARD
RECEIVED
JUL 22 1965

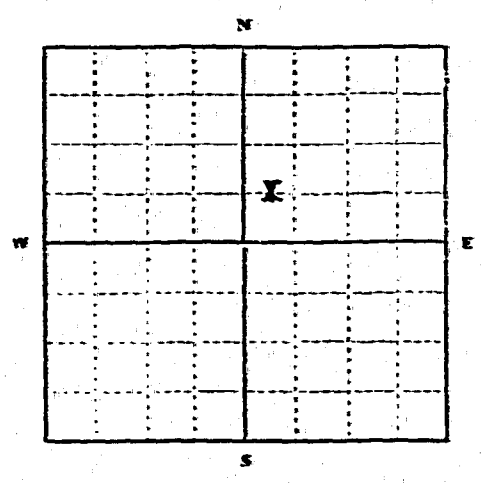
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

REFERRED TO _____

I _____, of Ku Fe
(Name of Appropriator) (Address) (Town)

County of _____ State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼ NE Sec. 20 T. 2S R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1, 1943

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1 1943 Commencement
1 1943 Completion

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year 5 ac ft 2 gallons

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Henrietta Filiskema

Date July 21, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29315.

#1918

State of Montana
County of Gallatin } ss.

Filed July 21, 1965
at 10:35 o'clock A. M.
CARL L. STUCKY
COUNTY CLERK & RECORDER
By Lucille A. Maxwell
DEPUTY
Fee $ 2.00 pd.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No.

T 28 R 3E

DUPLICATE

County Gallatin

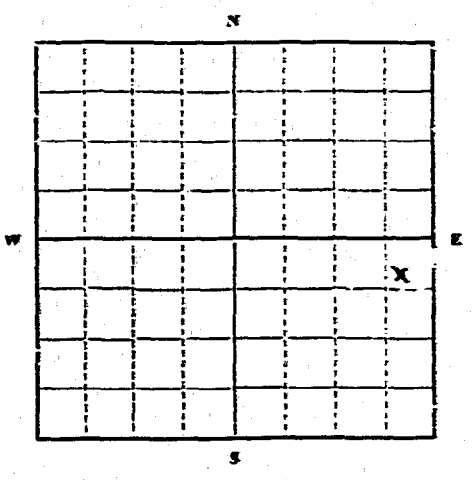
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Northern Pacific Railway Co., of Stockyards, Ancenay
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ SE Sec. 21 T. 28 R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Stockyard facilities

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
June 9, 1952 to present

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
10 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Began June 1952 Completed June 9, 1952

8. The depth of water table 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
6 inch drilled well, 42 feet deep

10. The estimated amount of groundwater withdrawn each year 75,000 gallons

11. The log of formations encountered in the drilling of each well if available see attached log 53

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None

Signature of Owner

Date NOV 25 63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

ARD WELL, A: E 560-52.

eman, Mont
-52

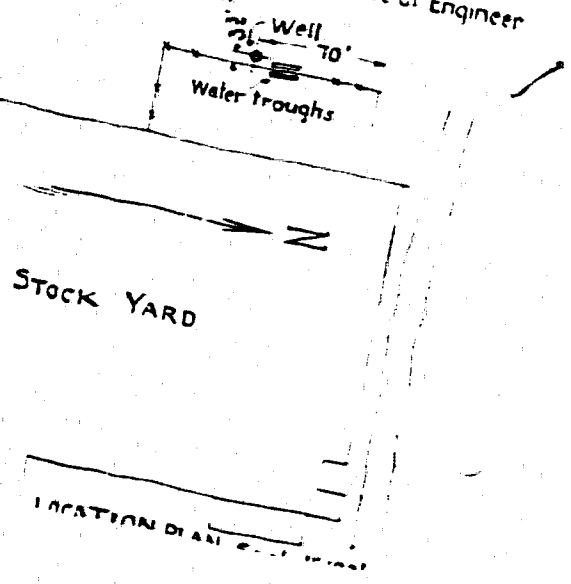
MONT. 53
7/3-53.
Rocky Mtn. Div

Water Analysis. 9/8-52.

Calcium	bicarbonate	7.8	G.P.G.
Magnesium	"	3.2	"
Sodium	"	0.6	"
"	carbonate	0.0	"
"	sulfate	0.4	"
ica	chloride	1.6	"
n		2.38	"
l dissolved solids		0.1	P.P.M.
Turbidity 5		13.6	G.P.G(actual.)

Expressed as $CaCO_3$

file 1616 for data on well. Office of Engineer
ater Service, St. Paul



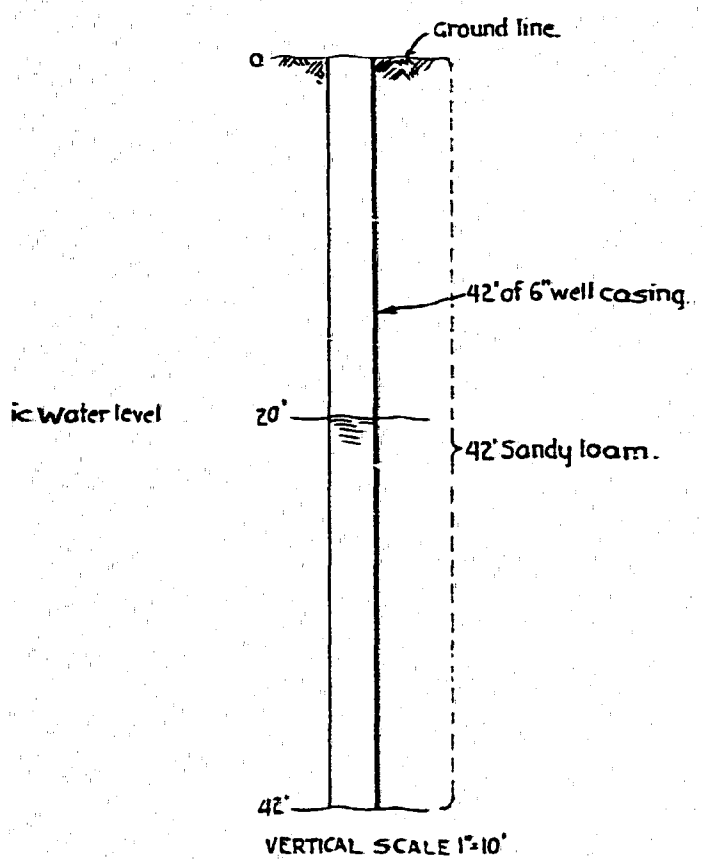
#175

State of Montana } ss.
County of Gallatin }

Filed November 21, 1963
at 4:20 o'clock P M.
Earl Walton
COUNTY CLERK & RECORDER
By Lucille M. Maxwell
DEPUTY
Fee $1.00 pd.

MONT. 53
7/3-53.
Rocky Mtn. Div.

ANCENEY, MONT. STOCK YARD WELL. AFE 660-52.
6" Well, 42' Deep.
Drilled by Van Dyken. Drilling Co. Bozeman. Mont.
Work begun, June 52. completed 6/9-52.



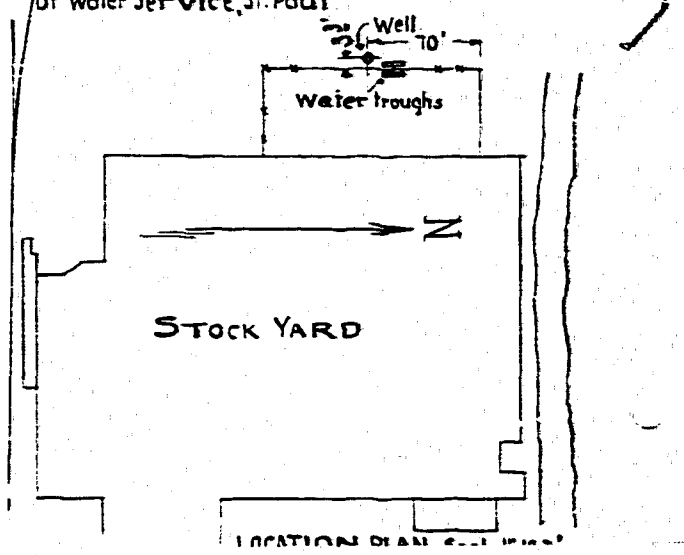
VERTICAL SCALE 1"=10'

Water Analysis, 9/8-52.

Calcium bicarbonate	7.8	G.P.G.	Expressed as $CaCO_3$
Magnesium "	3.2	"	
Sodium "	0.6	"	
" carbonate	0.0	"	
" sulfate	0.4	"	
" chloride	1.6	"	
Silica	2.38	"	
iron	0.1	P.P.M.	

Total dissolved solids 13.6 G.P.G(actual.)
Turbidity 5

Note: See file 1616 for data on well, Office of Engineer of Water Service, St. Paul



Form No. 18
8-60

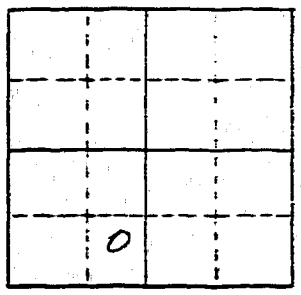
T. 18 R. 3E 22

County Gallatin

RECEIVED
JAN 4 1962
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log



Owner School Dist. 61-Joint w/16 Madison Co. Address Manhattan

Driller Unknown Address

Date Started 11 Date Completed Unknown

Location: Sec. 22 T. 2S R. 3E ¼ sec.

Type of well Drilled (Dug, driven, or drilled) Equipment used (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other

Casing: 1 ft. to 35 ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: 20 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

feet
1 - 35 - Sand

Gallatin County, } ss.
State of Montana.
Filed Dec 28 1961
at 4:17 o'clock P M.
Earl Walton
COUNTY CLERK & RECORDER
By [signature]
DEPUTY
Fee $ —

#318