

3027

State of Montana
County of Gallatin ss.

Filed Dec 16, 1971
at 9:45 o'clock A.M.

Carl L. Steeby
County Clerk & Recorder
By Alta M. Kanger
Deputy

Fee \$ 2.00

THIS DOCUMENT IS THE PROPERTY OF THE STATE OF MONTANA AND IS LOANED TO YOU BY THE CLERK OF THE DISTRICT COURT. IT IS TO BE RETURNED TO THE CLERK OF THE DISTRICT COURT WHEN YOU HAVE FINISHED WITH IT. IF YOU LOSE IT, YOU WILL BE RESPONSIBLE FOR REPLACING IT.

103.5 Ft. Lt. C/L Median Sta. 1627+75
Project: I-90-6(35)304

County: GALLATIN

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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, last copy to be retained by driller.

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

Owner: Department of Highways

Address: Helena, Mt. 59601

Date well started: 8/1/72

completed: 9/8/72

Type of well: Drilled

Equipment used: Churn Drill

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒

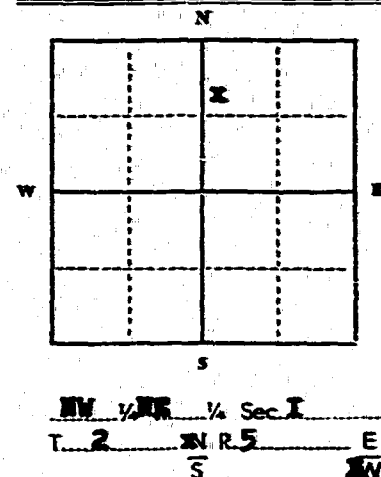
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL:

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 19 lbs. per ft.	+2.0'	89.5'	None		



Static water level 12.0' ft.*
Pumping water level 64.7' ft.*
at 42 gallons per minute,
measured 1.6 ft. below casing after pumping
has been stopped.

*Measured from ground level.
Well developed by Pumping
for 8 hours.
Power Gas Pump 1 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
1.6 ft. gravel below casing.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: Vincent R. Kiley

Driller's Address: Helena, Mt.

LICENSE NO. 208

DRILLER'S LOG

Indicate the character, color, thickness of strata such as silt, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) <u>4735.12'</u>		
From (Feet)	To (Feet)	
0.0	3.5	Dense brown clayey sand
3.5	6.5	Dense brown sandy gravel
6.5	19.0	Very dense gray cemented gravel
19.0	42.5	Very dense gray sandy silty gravel
42.5	43.5	Dense fine gray gravel with silt and water approx. 15 G.P.M.
43.5	53.5	Very dense cemented gravel
53.5	61.5	Dense gray sandy gravel with water
61.5	71.5	Medium hard brown clayey silt
71.5	77.0	Medium dense gray sand with water approx. 15 G.P.M.
77.0	82.0	Hard brown clay
82.0	87.0	Dense blue gray sandy gravel with water
87.0	90.6	Dense Med. coarse gravel sand with water

90.6 Show exact depth of bottom

51,659

Fee \$

RECEIVED

MAY 18 1966

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T 2S R 5E 1
County Gallatin

WATER WELL LOG

Owner Dan A & Esther Nelson Address Rt. 1, Bozeman
McIver Subdivision
Driller Bert Van Dyken Address Bozeman
Date Started July 5, 1956 Date Completed July 7, 1956
Location: Sec. 1 T. 2S R. 5E $\frac{1}{4}$ sec. Tract 14

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

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

Casing: 0 ft. to 42 ft. Type steel Size 6"

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

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

Perforated or Screened: Ft. 0 to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 8 feet feet.

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

Pumping water level 22 feet at 35 gal. per min.

How tested: bailer

Length of test 1 hour

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

0

(over)

Log of Well

[illegible]

T. 22 R. 5E
County Hellgate

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 9 1961

WATER WELL LOG

STATE ENGINEER

Owner Rembler Motel Address Bozeman
Driller Van Dyken Drilling Co. Address Bozeman
Date Started Feb. 15/60 Date Completed Dec. 1/60
Lot 11 - Birch Road Helena
Location: Sec. 1 T. 22S R. 5E $\frac{1}{4}$ sec.

Type of well Drilled Equipment used Cable Tool
(Dig, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: 3 ft. down to 110 ft. Type Brine Steel Size 6 5/8 O.D. 17# P.E.

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: 30 feet.

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

Pumping water level 60 feet at 45 gal. per min.

How tested: Bailey

Length of test 1 hr.

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

(over)

Log of Well

Gallatin County, } ss.
State of Montana. }
Filed _____ May 5, 1961
at _____ 10:30 o'clock A.M.
_____ Carl Gallatin
COUNTY CLERK & RECORDER
By _____
LEFROY

T. 2 S R. 5 E 1
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 6 1956

WATER WELL LOG

STATE ENGINEER

Owner Mary Joe Shane Address Bozeman, Mont.
Driller T. P. Shane Address Bozeman, Mont.
Date Started June 1956 Date Completed June 1956
Location: Sec. 1 T. 2 S R. 5 E 1/4 sec. 5 W

Type of well Aug. (Aug. driven, bored, or drilled) Equipment used Back Hoe (Lump drill, rotary, other)

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

Casing: 0 ft. to 16 ft. Type galv. steel Size 12"
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: 710

Length of test: _____

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

[illegible]

Depth, feet	
From	To

From	To
------	----

Description of Material Drilled

Garland County,
State of Arkansas.
Filed Feb 7 1892
at 4:00 P.M.
Clerk of the Court
COUNTY CLERK & REC'D
By
Fee

T 28 R R5E

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 8 1953

WATER WELL LOG

STATE ENGINEER

Owner Mary Joe Shane Address Bozeman Mont.

Driller Vand Dyken Address Bozeman Mont.

Date Started Jan. 1953 Date Completed Jan 1953

Location: Sec 1 T 2S R 5E $\frac{1}{4}$ sec S.W.

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

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

Casing: 4 ft. to 40 ft. Type cast iron Size 6"

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: _____ 10 feet.

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

Pumping water level No flow feet at _____ gal. per min.

How tested: _____

Length of test _____

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

(over)

1

[illegible]

Gallatin County,
State of Montana.

Filed Feb 7 1962
at 4:18 o'clock P. M.

COUNTY CLERK & RECORDER

3y _____

Fee	\$	25.00		
-----	----	-------	--	--

File No. _____

DUPLICATE

T. 25 R. 5E

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

APR 17 1964

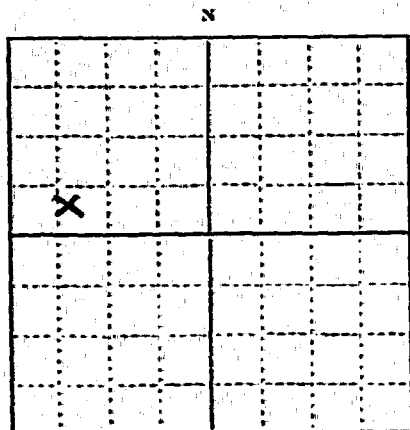
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Warren B. Stevens Address 917 N. 17thDriller Harold Hulbut Address FT. J. AgamonDate of Notice of Appropriation of Groundwater 4-16-64Date well started April 13, 1964 Date Completed April 14, 1964Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (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 Str.	From (Feet)	To (Feet)
7"	6 5/8 O.D. 15"	0	28		none	



NW 1/4 SW 1/4 Sec. 1 T. 25 R. 5E
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 10 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 20 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Builder Length of Test 2 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)

None

47
Driller's License Number

Harold B. Hulbut
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.

35588

1845

State of Montana
County of Gallatin
Filed April 16 1904
at 12:55 o'clock P. M.
By Carl Watson
COUNTY CLERK & RECORDER
DEPUTY
Fee \$ 2.75

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—19685

File No. _____

T 25 R 5E

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Les Wheeler Address BismarckDriller Donald C. Jones Address Bismarck

Date of Notice of Appropriation of Groundwater _____

Date well started Aug. 16, 1962 Date Completed Aug. 23, 1962Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (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" 80# 15'	3' Above Ground	44 1/2'			

Top of Ground
(Elev. above sea level _____)

2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46

Tight Sand

Gravel

Gravel

Sand

Gravel

Static Water Level for non-flowing Well 4 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 44 1/2 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump Length of Test 1 Hour

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)

SW 1/4 - Sec. 1 T25 R5E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

17
Driller's License Number

Donald C. Jones
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.

33445

1306

State of Montana } ss.
County of Gallatin }

Filed 12-30, 1963
at 1:04 o'clock P.M.

Carl Walton
COUNTY CLERK & RECORDER

By Adrian Prosser
DEPUTY

Fee \$2.00

File No. _____

DUPLICATE

T. 22 R. 5E

County Gallatin

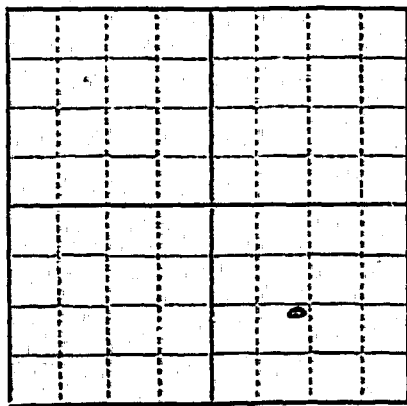
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
NOV 22 1963

1. R. M. Williamson of 917-7th St 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:



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

1/4 Sec 1 T22 R5E
1/4 Sec 8 T22 R5E
Second Sub Div.

2. The beneficial use on which the claim is based Domestic & Irrigation

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

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

About 2 acres of Corn & Soybeans
Gardening

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

Deep Well Pump, Electric operated

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

8. The depth of water table 30 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.

Motor 1 inch case 1/2 inch bore pump, electric

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

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

Blackish 1 ft.
18 ft. Clay
12 ft. Sand & 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.

Signature of Owner

R. M. WilliamsonDate 11/21/63 Ethel Williamson

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.

#774

State of Montana ss.
County of Gallatin

Filed Nov 21 1960

at 4:55 o'clock PM

Earl Walton
COUNTY CLERK & RECORDER

By [Signature] DEPUTY

Fee \$ 2.00

File No. _____

T2S RSE 2

DUPLICATE

County Gallatin

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

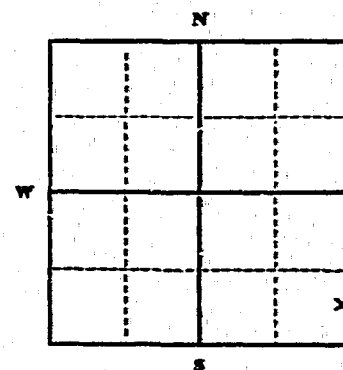
Owner John Lawrence Scholtz Address SAS N. Valley Ave.
Driller Harold Hulbert Address Route One Bozeman

Date of Notice of appropriation of groundwater _____

Date well started Feb 6 1968 Date completed Feb 9, 1968Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 O. D. 19 lb	1' 6" above	39'	none		

Static Water Level for non-flowing well 10' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 26' feet
at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump & BailorLength of Test 1 hr Pump 2 hr bail

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

SE 1/4 SE Sec 2 T2S RSE
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

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, tissue copy to be retained by driller.

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

Driller's License Number 47Driller's Signature Harold B. Hulbert

44,545

75940

2189

State of Montana
County of Gallatin

Filed Sept 4, 1968
at 1:15 o'clock P.M.

Carl L. Stucky
County Clerk & Recorder

By Betty Rose Griggs
Deputy

Fee \$ 2.00

RECEIVED
MONTANA WATER RESOURCES BOARD
SEP 5 1968

File No. _____

STATE WATER CONSERVATION BOARD

T. 2S R. 3E
County Gallatin

DUPLICATE

FEB 15 1967

STATE OF MONTANA

LOG

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

0-3 soil
3-5 clay
5-17 gravel
17-20 gravel & water
20-25 clay & rock
25-34 clay & rock
34-40 sand & water
40-48 clay & rock
48-52 sand & gravel & water
47' Bottom of well

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

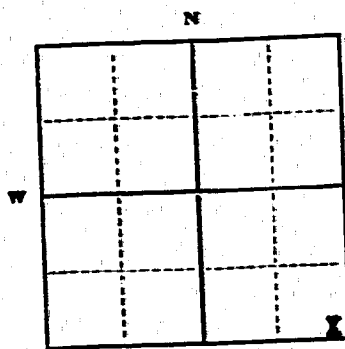
Owner Wilbur E. Smith Address Route 1, BozemanDriller Harold Hulbert Address Route 1, Bozeman

Date of Notice of appropriation of groundwater _____

Date well started Jan 17, 1967 Date completed Jan 20, '67Type of well Drilled Equipment used Churn
(Dug, Driven, bored or drilled) (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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" 19 lb	2 above	47	None		

Static Water Level for non-flowing well 14 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 21 feetat 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested ChurnLength of Test 2 Hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

SE 1/4 Sec. 2 T. 2S R. 3E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

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, tissue copy to be retained by driller.

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

Driller's License Number 47Driller's Signature Harold B. Hulbert

41731

#2070

State of Montana
County of Gallatin

Filed February 15, 1967
at 12:05 o'clock P.M.

Carl L. Stucky

County Clerk & Recorder

By Lucille M. Chapwell
Deputy

Fee \$ 2.00 pd

File No. _____

T 2S R 5E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

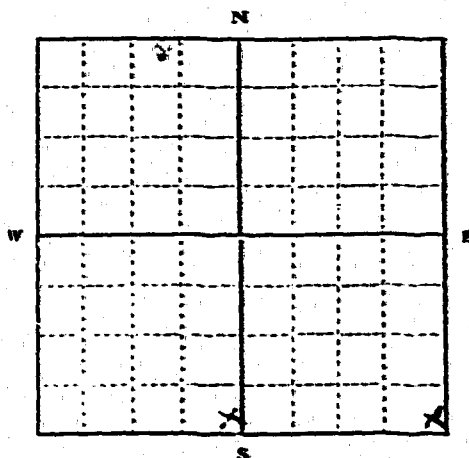
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 16 1964

STATE ENGINEER

I, WILBUR E. SMITH, of 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:



1/4 Sec. 2 T 2E R 5E

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

marked on above plat is drilled 60 feet, and No. 2, marked on above plat is dug 30 feet deep, each withdrawn by means of electric pumps No. 1 40 rods E and 20 rods N of SE $\frac{1}{4}$ corner and No. 2 20 rods N and 40 rods SE of SW $\frac{1}{4}$ of Sec. 2.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1, 1885, and No. 2, 1888.

8. The depth of water table No. 1, 20 feet, and No. 2, 15 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. No. 1 is drilled 60 feet deep, No. 2 dug 30 feet deep, each with six inch casing, and equipped with electric pump.

10. The estimated amount of groundwater withdrawn each year 180,000 gallons each well

11. The log of formations encountered in the drilling of each well if available none 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 none available.

Signature of Owner

Date Dec. 31, 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 to the Appropriator.

36114

1800

Date of Montana
Aliatin } SS
Dec 31 1963
11:45 o'clock
Carl Waller
AK
200
RECORDED
DEPT.

File No. _____

T 2S R 5E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 2 - 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, MARTIN H. GANDERWALL, of 310 WEST VILLAGE 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:

NE 1/4 Sec. 2 T2S R5E

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, DOMESTIC

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Unknown - many years

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

Lot 1, Jones Sub-Division, Bozeman

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

310 WEST VILLAGE BOZEMAN

7. The date of commencement and completion of the construction of the well us, or other works for with-
drawal of groundwater.

8. The depth of water table 1'

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. 8" casing

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 Martin H. Ganderwall

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.

State of Montana
County of Gallatin

Filed July 1, 1963
at 12:40 o'clock P. M.

KARE WALTON

COUNTY CLERK & RECORDER

By Ida J. Morrison
DEPUTY

Fee 2.00 Pd.

File No. _____

T. 2 S R 5 E

DUPLICATE

County GALLATIN

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER DEC 26 1963

RECEIVED
D

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner R.L. Brockway Address Bosman, Mont.Driller Van Dyken Drilling Co. Address Bosman, Mont.Date of Notice of Appropriation of Groundwater NoneDate well started June 4/63 Date Completed June 6/63

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

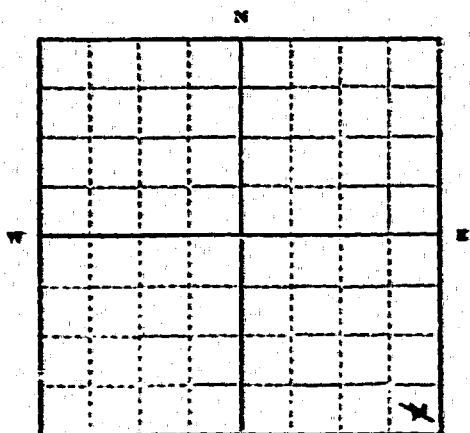
Top of Ground
(Elev. above sea level _____)

0'--3' Top soils
and clays.

3'--52' All gravels
and boulders.

T.D. 52'

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#	0	52'	None		



SE 1/4 SE 1/4 Sec 3 T. 2 S R. 5 E

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 8' feet.Shut-in Pressure for Flowing Well NonePumping Water Level 30' feet at 21 gal per minute.Discharge in gal. per min. of flowing well NoneHow Tested Bailer Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, loca-
tion 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) 2

License No. 1

Driller's License Number

Robert 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.

12125

#1005

State of Montana }
County of Gallatin } ss
Filed December 23, 1963
at 3:12 o'clock P. M.
EARL WALTON
COUNTY CLERK & RECORDER
By Paul A. McPherson
DEPUTY
Fee \$ 2.00 pd. ?

File No. _____

T 2S R 5E

DUPLICATE

County Gallatin

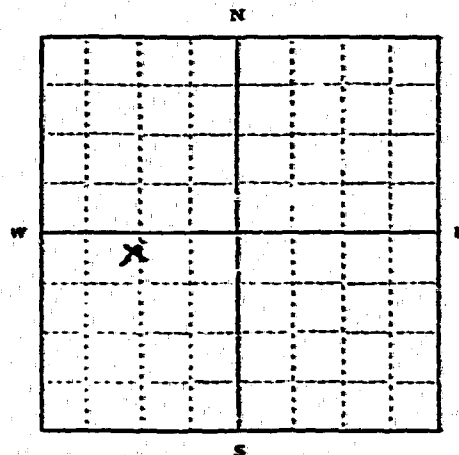
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. WILBUR E. SMITH, of 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:



SW 1/4 Sec. 3 T. 2S R. 5E

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 domestic and culinary, stock water and irrigation of lawn and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1874 and continuous since said date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons per 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 only for lawn and garden

WILBUR E. SMITH

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well marked on plat above, being approximately in the NE corner of the West Half of the Southwest Quarter of Section 3, drilled 45 feet deep

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1874

8. The depth of water table Approximately 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 Drilled well 45 feet deep, 6" casing, now equipped with electric pump.

10. The estimated amount of groundwater withdrawn each year 180,000 gallons

11. The log of formations encountered in the drilling of each well if available none 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 none available

Signature of Owner

Date Dec. 31, 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.

36111

1797

State of Maryland ss.
County of Caroline

Filed Dec 31, 1963

at 11:45 o'clock P. M.

Paul Walton

COUNTY CLERK & RECORDER

By [Signature]

DEPUTY

Fee \$ 20.00

File No. _____

DUPLICATE

ONTARIO COUNTY BOARD
RECEIVED
APR 15 1968T 25 R 5E 3
County CallatinSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level _____)

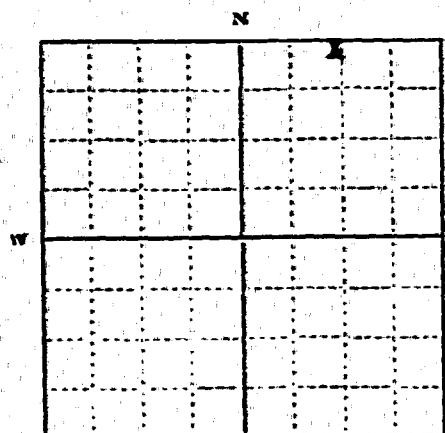
0 to 4 feet
Topsoils4 to 9 feet
Clay, sloppy8 1/2 feet
Static Water Level9 to 26 feet
Claybound Sand & Gravels26 to 39 feet
Impervious Clay39 to 45 feet
Sand and GravelsOwner Edna Tracy White Address Ranch Well, E.R.#1, Bosman, MontanaDriller Potts Drilling & Dev. Address E.R.#1, Bosman, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started March 20, 1968 Date Completed March 22, 1968Type of well drilled Equipment Used cable tool
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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" I.D. 250 Wall	+1 1/2	45			

NE 1/4 Sec. 3 T. 25 R. 5E
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 8 1/2 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 23 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pumped Length of Test 4 hours

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) _____

150

Driller's License Number

Shirley A. Potts
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.

44,053

#2150

State of Montana } ss.
County of Gallatin }

Filed April 10, 1968
at 3:30 o'clock P.M.

Carl L. Stucky
County Clerk & Recorder
By Lucille A. Mayewell
Deputy

Fee \$ 2.00

25-5E
RECEIVED County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Henry Dylstra
Address Route 3,
Bozeman, Montana
Date well started 3-7-73
completed 3-10-73

For Administrator's Use	
File	<u>3778</u>
	<u>6-29-73</u>
GW 1	<u>3:35 p.m.</u>

Type of well drilled
(Dug, driven, bored or drilled)
Equipment used split tool
(Churn drill, rotary or other)
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	0 ft.				

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature [Signature]
Driller's Address Lotis Drilling and Developing
Route 4, Bozeman, Montana 59715
LICENSE NO. 190

Static water level _____ ft.*
Pumping water level 15 ft.*
at _____ gallons per minute,
measured _____ minutes after pumping began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power _____ Pump _____ HP
Remarks: Gravel packing cementing,
packed type of latiff. Head

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	2	loam
2	12	loam, silty overburden
12	22	loam, silty, sand & gravel
22	32	very impure sand
32	35	gravel
35	65	clay
65	70	sand and gravel

72 ft. Show exact depth of bottom

55524

3278

State of Montana
County of Gallatin

Filed June 26 1973
at 6:35 o'clock PM

County Clerk & Recorder

By Cecelia Whitman
Deputy

Fee \$ 2.00

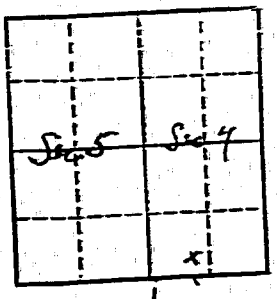
Please fill in where checked & record with County Clerk & Recorder within 10 days (City's Law)

2S 5E
T R
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 28 1961

WATER WELL LOG



Owner Harold Luckert STATE ENGINEER
Address Rt. 1 Bozeman
Driller Harold Luckert Address Rt One Bozeman
Date Started July 20, 61 Date Completed July 28, 61
Location: Sec 4 T 2S R 5E 1/4 sec.

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

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

Casing: 0 ft to 38 ft Type Steel Size 6 5/8" OD 15#
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: 8 feet.

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

Pumping water level 12 feet at 20 gal. per min.

How tested: Bailer

Length of test 1 1/2 hrs

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

(over)

Log of Well

Gallatin County, State of Montana,	ss.
Filed	Dec 14, 1905
at	3 o'clock P. M.
	County Clerk & Recorder
By	Deputy
Fee \$	2.00

242

File No. _____

T 2 S R 5 E

DUPLICATE

County Calhoun

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 4 1963

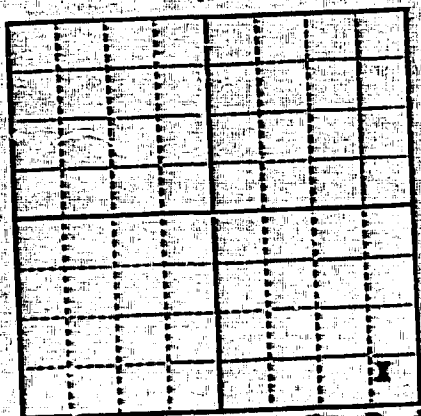
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater October 25, 1960Owner Rolfe & Wood, Inc. Address Bozeman, MontanaContractor (if any) Gardner ConstructionAddress of Contractor Bozeman, MontanaDate Started Oct. 25, 1960 Date Completed October 27, 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes" Include depth to water when applicable. The land was excavated to obtain gravel. Underground water rains filled the pit.



X - Pond

SE 1/4 Sec. 4, T.2S, R.5E

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. The pond is approximately 1/4 acre in area with maximum water depth of 10 feet at its center. Used continuously for stock water. Also used summer months for irrigation of approximately 10-acre field as needed. Water pumped from open pipe into irrigation ditches and flood irrigation using 6 x 6 Fairbanks-Morse Pump developing 60 pounds pressure at 1600 RPM and delivering approximately 1200 gallons per minute.

Signature of Owner Rolfe & Wood, Inc. *Hollis H. Wood*Date 12-2-63

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.

7612

State of Montana ss.
County of Gallatin

December 3

Filed _____, 1963

at 3:45 o'clock P.

EARL WALKER

By *Paul H. Mayfield*
JULIUS C. MAYFIELD
DEPUTY

Fee \$ 2.00 pd

File No. _____

T 2 S R 5 E

DUPLICATE

County Gallatin

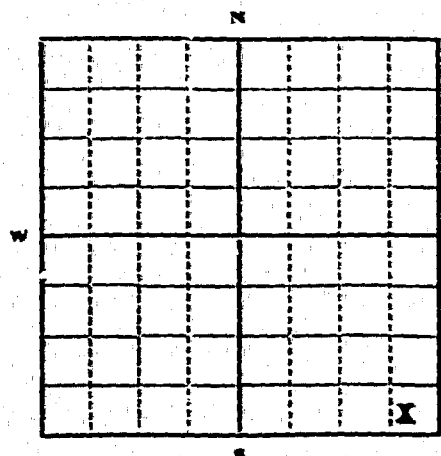
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963
STATE ENGINEER

I, Rolfe and Wood, Inc., of 25 North Willson Bosman
(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:



SE 1/4, Sec. 4, T2S R5E

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 Domestic
Yard and garden irrigation. Also supplies four
electrically heated watering troughs for livestock.
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1869 Daily
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 30 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
Not applicable
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
Well with eight inch tile casing and electric pump.
For location see diagram
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1869
8. The depth of water table Nine 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 eight inch tile casing with a total
depth of 33 feet. The distance from the water table to the bottom of the well is
24 feet.
10. The estimated amount of groundwater withdrawn each year 1,076,375 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 y county record Unknown

Rolfe and Wood, Inc.

Signature of Owner

Date December 20, 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.

1958

State of Montana }
County of Gallatin }

ss

Filed December 20, 1963

at 3:22 o'clock P.M.

KARL WALTON

COUNTY CLERK & RECORDER

By Paul H. Mayfield

DEPUTY

Fee \$ 2.00 pd

GW

File No. _____

DUPLICATE

T. 2 R. 5 E

County DeWitt

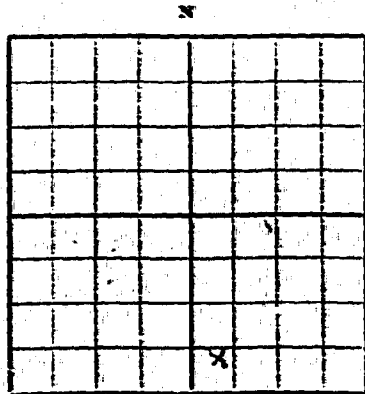
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1962

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. FRED YPMA (Name of Appropriator), of 706 N. 7th AVE (Address) BOZEMAN (Town)
County of GALLATIN State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 1/2 Sec 4 T 25 R 53

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 FARM USE
3. Date or approximate date of earliest beneficial use and how continuous the use has been APRIL OF 1898,
AND HAS BEEN USED SINCE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 USED FOR GENERAL FARM
PURPOSE, AND LAWN AND GARDEN
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal USE 1/2 HORSE POWER MOTOR
AND 2 PRESSURE SYSTEM.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater DO NOT HAVE ANY DATA AVAILABLE
8. The depth of water table ABOUT 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 HAS 4 IN. CASING
AND A PRESSURE SYSTEM WITH 1/2 HORSE POWER MOTOR.
10. The estimated amount of groundwater withdrawn each year 300,000 GALLONS
11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE,
AS IT IS AN OLD WELL.
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 Fred Ypma

Date Jan 4 1962

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 School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA
COUNTY OF ...

ATTENTION TO STATE
AND DEPARTMENT OF AGRICULTURE
MONTANA STATE TO MONTANA

STATE OF MONTANA

ATTENTION TO STATE
AND DEPARTMENT OF AGRICULTURE
MONTANA STATE TO MONTANA

#462

State of Montana ss.
County of ...
Filed ... 1952
at ...
By ...
Fee \$...

LOG
Bore _____
Core _____
Diameter _____
Dicker _____
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level _____)

0-2 soil
2-15 clay
15-20 clay & rock
20-31 clay
31-32 rock & clay
32-42 clay & gravel
42-45 clay
45-46 gravel very little water
46-50 rock & clay
50-54 dirty sand & water
54-56 sand & gravel & water
55ft Bottom of well

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner James Curtis Bradley & Betty A. Bradley Address Rte. #1 Bozeman
Driller Harold Hulbert Address Route 1, Bozeman

Date of Notice of appropriation of groundwater _____

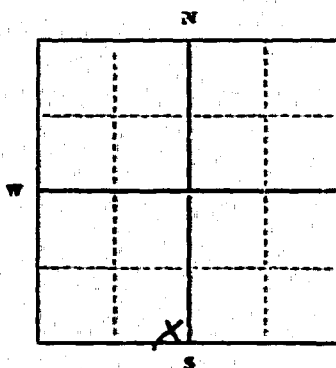
Date well started Feb 10, 1967 Date completed Feb 25, 1967

Type of well Drilled Equipment used Churn
(Dug, Driven, bored or drilled) (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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	19 lb 6 5/8 O. D.	4 above	54'	None		



Static Water Level for non-flowing well 24' feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 54 feet
at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 8 Hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

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, tissue copy to be retained by driller.

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

Driller's License Number _____

Harold B. Hulbert
Driller's Signature

41820

#2079

State of Montana
County of Gallatin

Filed March 20, 1967
at 11:15 o'clock A.M.
Carl L. Stucky

County Clerk & Recorder
By Donald H. Maxwell
Deputy
Fee \$ 2.00 pd.

RECORDED TO THE
CLERK OF DISTRICT COURT
COUNTY OF GALLATIN

FILED	1967	MAR	20	11:15	A.M.
CLERK					
DEPUTY					
RECORDED					
INDEXED					
SERIALIZED					
FILED					

File No. _____

T 25 R 58

DUPLICATE

County Callatin

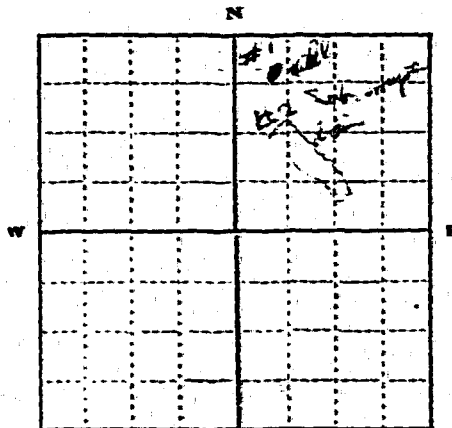
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, O. A. BRENDEN, of Boreman,
(Name of Appropriator) (Address) (Town)
County of Callatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 of

SE 1/4 Sec 5 T25 R58

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 domestic and sub-irrigation of pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) well continuous since 1900;
(2) Sub-irrigation continuous since 1880.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 12 gal. per minute;
(2) 75 miners 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 subirrigation for total acreage.

O. A. Brenden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well marked as (1) on plat above, is shallow well pump; subirrigation marked as (2) on plat above also dug drain ditch

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well (1) completed in 1900 and use has been continuous;
(2) has been continuous use since original ownership; dug drain ditch in summer of 1949.

8. The depth of water table Well (1) is five feet, and (2) subirrigation is 5 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 Dug well, 4 feet by 4 feet by 16 feet;

10. The estimated amount of groundwater withdrawn each year (1) well 600,000 gallons, and
(2) subirrigation 34,000 gallon per acre

11. The log of formations encountered in the drilling of each well if available none 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 none available.

Executed by the undersigned on behalf of the owner, as the lessee and agent of, and at the request of the owner as a declaration of vested groundwater rights which are appurtenant to the above described lands

Signature of Owner

O. A. Brenden by James Brenden
Date Dec. 31, 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.

35809

1495

State of Montana
County of Carbon

Filed 10:37 1968

at Carl Wilton M.

Theresa A. Wilton
CLERK

FILED 208

DEPUTY

File No. _____

DUPLICATE

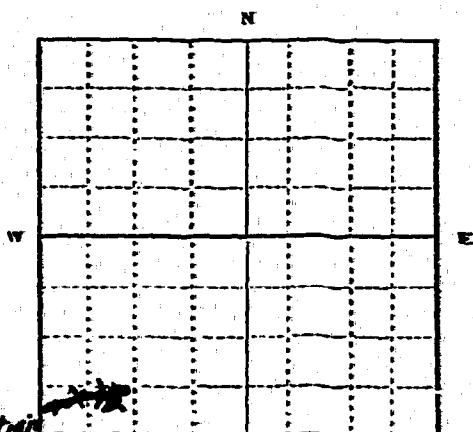
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 25 R. 5E
County Gallatin
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John C. Huffine, of Route #2 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:



well location

1/4 Sec 5 T. 25 R. 5E

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

- The beneficial use on which the claim is based domestic + irrigation + household + stock water
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1918 - 45 years
- The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
yard + garden use
John C. Huffine - owner
(SE 1/4 SW 1/4 Sec 5 T. 25 R. 5E)
- 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 1918

8. The depth of water table 26 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 + casing

10. The estimated amount of ground-water withdrawn each year 365,000 cubic feet

11. The log of formations encountered in the drilling of each well if available 4" soil, 22 feet 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 The proposed fee schedule for ground water. Recorded. Filings for surface water

Signature of Owner

John C. Huffine
Date 12/20/63

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.

12100

980

State of Montana }
County of Gallatin }

Filed Dec 23 1963

at 9.30 o'clock P.M.

Carl Wallon

COUNTY CLERK & RECORDER

By [Signature]

DEPUTY

Fee \$ 25.00

File No. _____

T 28 R 5E

DUPLICATE

County Gallatin

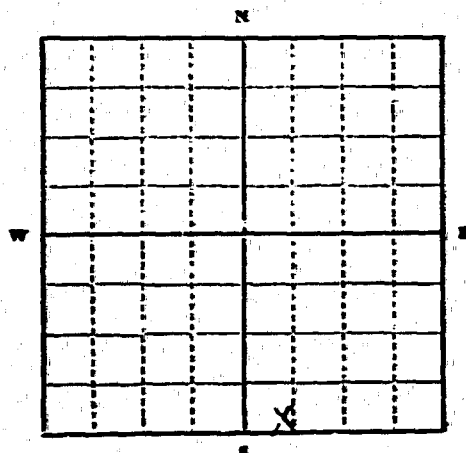
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, WALTER H. MONFORTON, of Route 1, 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:

1/4 Sec. 5 T28 R 5E

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
Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
January 30, 1952 - Continuous household use
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
18 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
Lawn and garden use around house
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump - 6 feet from house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
October 22, 1957 - October 21, 1957
8. The depth of water table
15 feet
9. So far as it may be available, the type, size and depth of each well - the general specifications of any other works for the withdrawal of groundwater
Drilled - P.E. Borehole Steel - 6 5/8" O.D. 17 1/2'
Casing: 3 feet to 38 feet
10. The estimated amount of groundwater withdrawn each year
50,000 Gallons
11. The log of formations encountered in the drilling of each well if available
From 0 to 8 Feet Depth Top soils and clay
From 8 to 42 Feet Depth Sand, gravels, boulders
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 Walter H. MonfortonDate Dec 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.

35922

1608

Filed Dec 31, 1963
at 1231 o'clock 8 M.
Paul Waller
COUNTY CLERK & RECORDER
By PA
Fee \$ 200 DEPUTY

File No. _____

T 2 S R 5 E

DUPLICATE

County Gallatin

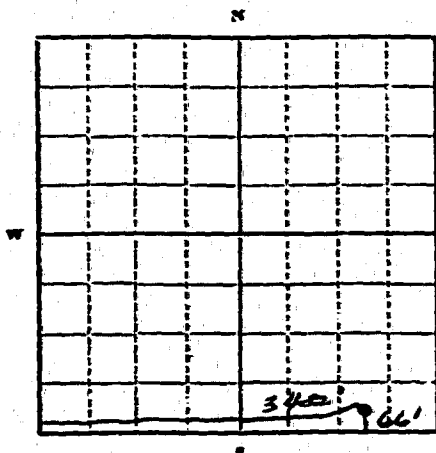
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ERNEST J. MONFORTON, of _____, of _____
(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:



1/4 Sec. T 2 S R 5 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 domestic and stock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been in June 1928. Use has been continuous since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 does not apply
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well with electric pump located approximately 66' North of the S line of Sec. 6 and 3432' E of the W line of said Section 6.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June, 1928, and completed in June, 1928
8. The depth of water table 50 feet to bottom of water. Water located 36 feet from the surface of ground
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 well is drilled with a 6" casing and water withdrawn by means of an electric pump
10. The estimated amount of groundwater withdrawn each year three million gallons per year
11. The log of formations encountered in the drilling of each well if available no log of formations 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 does not apply

Signature of Owner

Ernest MonfortonDate March 4, 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.

36003

#1689

State of Montana }
County of Gallatin } ss.
Filed Dec. 31 1963
at 2:56 o'clock P. M.
EARL WALTON
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.00

File No. _____

DUPLICATE

T 25 R 5 E

County Gallatin

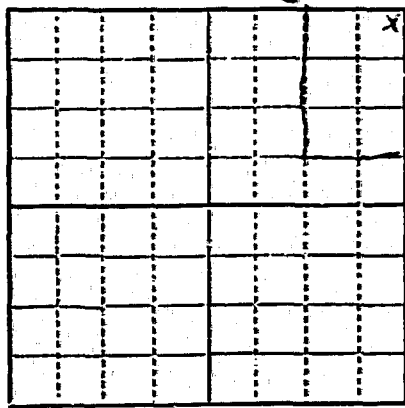
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Adriana Balkema of R.R. 1 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:



NE 1/4 Sec. 7 T25R5E

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
Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Approx. Date 1900 to 1964
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
2200 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
Garden + Yard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pressure pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
unknown
8. The depth of water table
6'
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 1/2" O.D. casing 30 to 40 feet
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 Adriana BalkemaDate 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.

35777

1463

John County, Mont.
County of Montana

Dec 31 1963

935 A. M.

Paul Wilson

for

for

File No. _____

DUPLICATE

T. 25 R 5 E
County Gallatin

LOG

RECEIVED

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

0-5 soil
 5-8 soil & gravel
 8-15 gravel
 15-19 clay
 19-20 gravel
 20-22 sand
 22-26 sand & Muddy
 dirty water
 26-35 *****
 35-41 clay
 41-43 sand gravel & water
 40ft Bottom of well

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner ADRIANA BALFEMA - 1614 & Curtis
 Address BOZEMAN, Mont
 Driller Harold Hulbert Address Rt 1 Bozeman, Mont.

Date of Notice of appropriation of groundwater _____

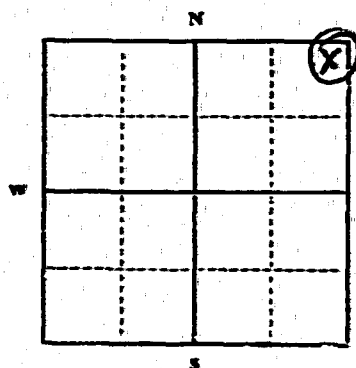
Date well started Aug 14, 1968 Date completed Aug 19, 1968

Type of well Drilled Equipment used Cable tool
 (Dug, driven, bored or drilled) (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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 O. D.	1' 6" above	37' 5"		None	

Static Water Level for non-flowing well 5' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 22 feet
at 80 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PumpLength of Test 7 Hrs

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

NE 1/4 Sec 7 T. 2 R. 5 E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

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, tissue copy to be retained by driller.

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

47
 Driller's License Number

Harold B. Hulbert
 Driller's Signature.

441602

2194

EXHIBIT

LOG

OFFICE OF COMMISSIONER OF LANDS AND MINES
BUTTE, MONTANA

State of Montana
County of Gallatin
Filed Sept 23, 1968
at 1:15 o'clock P.M.
By Carl L. Stucky
County Clerk & Recorder
By Alta M. Grogan
Deputy
Fee \$ 20.00

RECEIVED
OFFICE OF THE COMMISSIONER OF LANDS AND MINES
BUTTE, MONTANA
SEP 23 1968

File No. _____

T 2 S R 5 E
County Gallatin

DUPLICATE

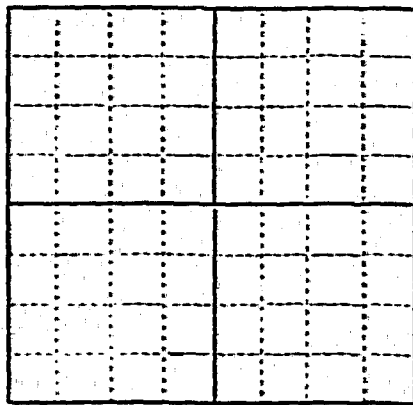
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 29 1963

STATE ENGINEER

I Russell E. and/or Beulah M. Egeler, of 317 West Seall 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:1/4 Sec 7 T2S R5E

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 Sole water supply of a 4 unit apartment house and irrigation of said lots.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 12 March 1957. Daily water supply of four unit dwelling since date of earliest beneficial use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Ten (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 Lots 8 and 9, Karp's Addition
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Submersible deepwell electric pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Date of commencement - 5 March 1957. Date of completion - 12 March 1957.
8. The depth of water table Eighteen (18) 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. Said well has six inch casing and is seventy feet deep. Well flow at time of drilling - 30 gallons per minute with 30 feet of water.
10. The estimated amount of groundwater withdrawn each year. 1,760,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available. 0 to 8 feet soil and clay, 8 to 70 feet gravel and limestone.
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.

Drilling performed by Van Dyken
Drilling Co. Said company holds
original drilling log.Signature of Owner Russell E. Egeler
Beulah M. Egeler

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.

14209

#931

State of Montana }
County of Gallatin } ss.

Filed December 19, 1967
at 3:35 o'clock P.M.

EARL WALTON
COUNTY CLERK & RECORDER

Paul G. Chapwell
DEPUTY

Fee \$ 2.00 Pd.

File No. _____

DUPLICATE

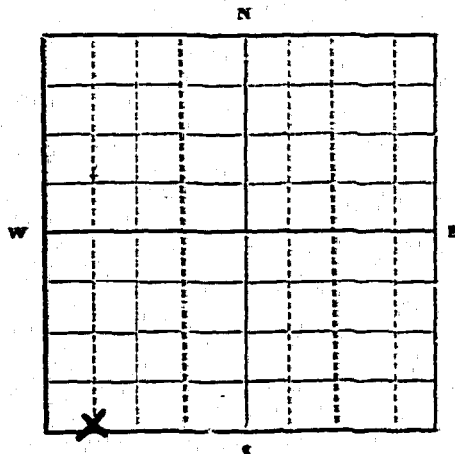
T. 2 S R. 5 E
County GallatinSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JUN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Albert F. Hekema of Gallatin, 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:



SW 1/4 Sec 7 25 SE

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 farm dwelling and livestock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 or there abouts used continuous
4. The amount of groundwater claimed—(in miner's inches or gallons per minute) 12 gal 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 garden + lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal a well near the farm buildings
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1, 1900
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 4 in casing 60 ft deep
10. The estimated amount of groundwater withdrawn each year 36500 gals
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

Albert F. Hekema
 Date 5/31/63

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.

DISCLAIMER

STATE OF MONTANA

DEPARTMENT OF LAND

RECEIVED

STATE ENGINEER

not registered

not registered

not registered

not registered

State of Montana
County of Gallatin
Filed May 31 1963
at 3:45 o'clock P.M.
By [Signature] COUNTY CLERK & RECORDER
Fee \$ 24.00
By [Signature] DEPUTY

2639
2639
2639

June 1 1963

not registered

not registered