GW 2

File No.....

DUPLICATE

RECEIVED MAY 29 1963 STATE ENGINEER

Approved Stock Form—State Publishing Co., Helena, Montana—3908.

T. 3S R. 5E

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED MAY 29 1963 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.....)

2' Top soil.

Owner Robert Jordan Address Rt 2 Bozeman

Driller Parker Shower Address Willow Creek

Date of Notice of Appropriation of Groundwater.....

Date well started May-62 Date Completed May-62

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

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

gravel and Boulders.

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" O.D. 15# per Ft	0	54'	-	-	-

46' CLAY 48' Shale 50 CLAY 52' water Sand & Gravel 54

N W E S

SE 1/4 NW Sec. 14 T. 3S 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 31 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 42 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested drill Rig Length of Test 3 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).....

Robert H Jordan

Mr Robert H. Jordan

29

Driller's License Number

Parker Shower

Parker Shower

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.

4579

636

State of Montana }
County of Gallatin } ss.

Filed May 28, 1963

at 11:30 o'clock A. M.

Earl Walton
COUNTY CLERK & RECORDER

By _____
DEPUTY

Fee $ 3.00

G\

Approved Stock Form—State Publishing Co., Helena, Montana—42234

15

File No.....

T 3S R 5E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964
STATE ENGINEER

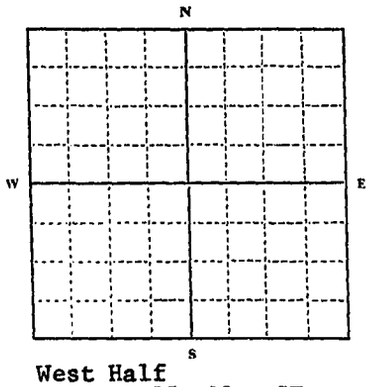
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANK R. DONEY (Name of Appropriator), of R. R. #2 (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:



West Half
¼ Sec. 15 T 3S 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 Household, stock and building irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880 to present date 12/27/63

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 stockwater, household, garden, lawn, trees, etc.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Tile collected in two concrete reservoirs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1880 completed 1909

8. The depth of water table 4 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 two cisterns 1,000 gal. and 600 gal. piped to house and buildings approximately 1800 feet

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 Clay base. Tile used to gather water into cisterns

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 Frank R. Doney

Date Dec 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.

33438

1299

State of Montana
County of Gallatin } ss.

Filed 12-30, 1963
at 12:08 o'clock P M.
Earl Walton
COUNTY CLERK & RECORDER
By Irma Isaac
DEPUTY
Fee $2.00

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 27 1971

191—1500—10/69

35-5E 15

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 2994
August 24, 1971
10:00 AM

GW 1

Owner Leonard C. Roes[redacted]

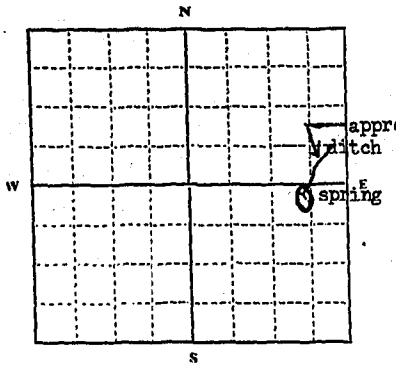
Address Route 3 Box 116-A Bozeman, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started ..... Date Completed .....

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Ditch from spring on NE¼ of SE¼, Sec 15, T3S, R5E



2. Means of withdrawing water (gravity, pump, canal, etc.) Gravity

3. Depth of water table .....

4. Use of the water Irrigation and stock watering

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per minute

6. If used for irrigation, give number of acres and description of land 3 acres pasture and garden

7. Estimate amount of water used each year 3,000,000 gals.

8. Months of year spring flows Continuously

SE¼, SE¼ NE ¼ Sec. 15

T. 3 S N R. 5 E W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated 5300feet

Signature of Owner Leonard C. Roes

Date July 19, 1971

48949

#2994

State of Montana
County of Gallatin } ss.
Filed August 24, 1971
at 10:00 o'clock A M.
Carl L. Stucky
County Clerk & Recorder
By Lucille A. Bridges
Deputy
Fee $ 2.00 pd.

RECEIVED
AUG 27 1971
MONTANA WATER RESOURCES BOARD

Department of Natural Resources and Conservation
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Sent on 5/23/72

Owner Alan Watson 59715
Address Rt. 3, Box 117 - Bozeman, Mt.
Location T. 3S. R. 5E. Sec. 15
Doc. No. 3064

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

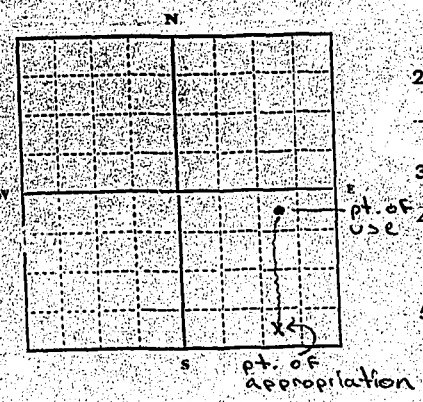
Special Instructions:

Please provide, as indicated in red on the enclosed form, the dates the groundwater development was started and completed.

Thank you.

Note: The spring should be developed at its source if not, it may be considered surface water, if used further down stream.

50,186



SW 1/4 of SE 1/4 SE 1/4 Sec. 15

T. 3 N (S) R. 5 E (W) Rj 26.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated approx 5300

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) undeveloped spring Flowing from source to point of use through natural channel and irrigation ditch

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table ?

4. Use of the water irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) all - about 4 inches

6. If used for irrigation, give number of acres and description of land 9 acres class B grazing

7. Estimate amount of water used each year 36500 gallons

8. Months of year spring flows all

Signature of Owner Alan Watson

Date 12 April 1972

50,186

RECEIVED
APR 13 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

GW 3 Revised 1969
191—1500—10/69

County Gallatin 15

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 3064, April 12, 1972
3:15 p.m.

GW 1

Owner Alan Watson

Address Rt. 3 Box 117 Bozeman

Contractor (if any) none

Address of Contractor —

Date Started — Date Completed —

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) undeveloped spring Flowing from source to point of use through natural channel and irrigation ditch

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table ?

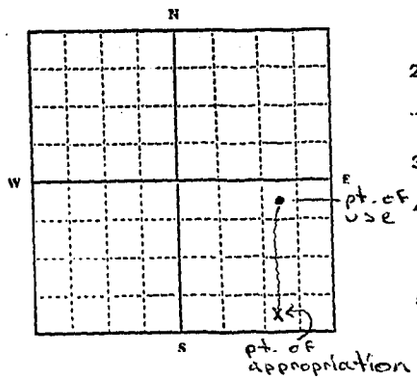
4. Use of the water irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) all - about 4 inches

6. If used for irrigation, give number of acres and description of land 9 acres class B grazing

7. Estimate amount of water used each year 36500 gallons

8. Months of year spring flows all



SW¼ of SE ¼ SE ¼ Sec. 15

T. 3 N (S) R. 5 E (W)

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated approx 5300

Signature of Owner Alan Watson

Date 12 April 1972

59,186

3064

State of Montana
County of Gallatin ss.
Filed April 12, 1972
at 3:15 o'clock P.M.
Carl L. Stacky
County Clerk & Recorder
By _____ Deputy
Fee $2.00 PD

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 26 1971

3 GW 3 Revised 1969
191—1500—10/69

3S-5E

County Gallatin 15

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 3023

Nov. 23, 1971 4:05 P.M.

GW 1

Owner Alan and ~~Elma~~ Watson

Address Rt. 3 Box 117 Bozeman

Contractor (if any) none

Address of Contractor —

Date Started — Date Completed —

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table ?

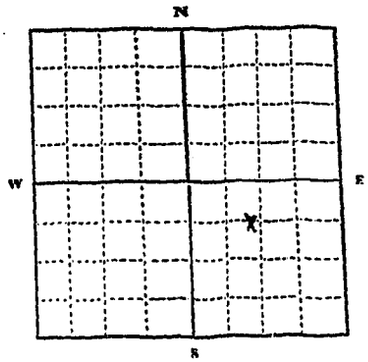
4. Use of the water domestic and irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) all - about 5 gals per minute

6. If used for irrigation, give number of acres and description of land 9 acres class B grazing

7. Estimate amount of water used each year 36500 gals

8. Months of year spring flows all



NE ¼ SE ¼ Sec. 15

T. 3 N/S R. 5 E

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated 4900'

Signature of Owner Alan Watson

Date 22 Nov. '71

49466

3022

State of Montana
County of Gallatin } ss.

Filed Nov. 23, 1971
at 4:05 o'clock P. M.
Carl L. Stanley
County Clerk & Recorder

By _____
Deputy

Fee $ 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.....

T 3S R 5E

County Gallatin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

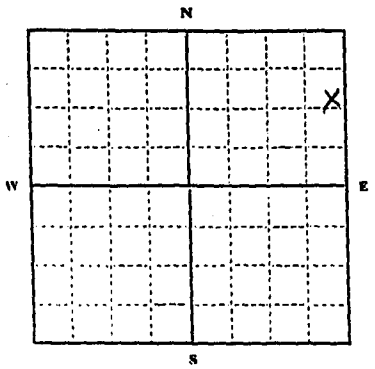
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John D. Chapman, of R. F. D., Bozeman, 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. 16 T 3S R. 5E

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

~~S½SE¼NE¼NE¼~~

2. The beneficial use on which the claim is based
Household, Irrigation & Watering Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1900 continuous

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump 500 to 600 gallons per hour

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1900

8. The depth of water table 80 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
3/4 horse electric pump 500 to 600 gallon per hour

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

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
Unknown

Signature of Owner John D Chapman

Date December 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.

14622

#1057

State of Montana
County of Gallatin } ss.

Filed December 27, 1963

at 8:12 o'clock A. M.

EARL WALTON
COUNTY CLERK & RECORDER

By Lucille A. Wagner
DEPUTY

Fee $ 2.00 pd

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232.

File No.....

STATE WATER CONSERVATION BOARD
RECEIVED
AUG 30 1965

T 3 S. R 5 E. 16

DUPLICATE

County Gallatin

LOG

REFERRED TO.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level.....)

0-1 soil
1-2 clay
2-22 Rock & sand
22-24 Clay Rock
24-28 Clay & Rock
28-33 Clay
33-34 sand & water
34-35 water & sand
35-36 clay
36-39 clay
39- 40 sand & water
40-45 clay
45-46 sand gravel & water
46-48 clay
48-50 gravel & water
47' Bottom of Well

Show exact depth of bottom.

Owner Tom Portnell, etux Address Gallatin Gateway,

Driller Harold Hulbert Address Route 1, Bozeman

Date of Notice of appropriation of groundwater.....

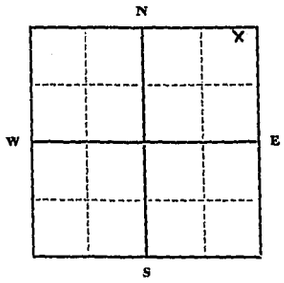
Date well started July 29 1965 Date completed Aug 4, 1965

Type of well Drilled (Dug, Driven, bored or drilled) Equipment used Churn (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. 13 lb.	1' above	47'		None	



NE ¼ Sec. 16 T 3S R 5E

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

Static Water Level for non-flowing well 10 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 Pump

Length of Test 4 hrs.

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

(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).

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

34480

1929

State of Montana } ss.
County of Gallatin }

Filed August 26, 1965

at 3:10 o'clock P. M.

Carl L. Stucky
COUNTY CLERK & RECORDER

By Beverly McElwee
DEPUTY

Fee $2.00 Pd.

GW

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

16

File No.....

T 3S R 5E

DUPLICATE

County Gallatin

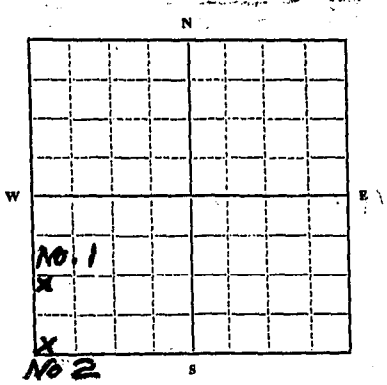
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 12 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph E. Whiteaker or Pauline Whiteaker (Name of Appropriator) of Route 2, (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:



SW¼ SW¼ Sec. 16 T 3S 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. Fire, Household, Stock and Garden water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Dec. 20-1959 on #1 June, 17-1961 on #2 Well. Continuous on both Wells

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per minute either well — flow at time of drilling.

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 Yard and garden at each Residence

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. #1 — Dec. 5-1959, Dec. 9-1959 #2 — About May 20-1960, May 24-1960

8. The depth of water table. Well #1 — 85 F, Well #2 — 28 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. #1 — Steel Cased, 6" diam. 85 Ft. deep. #2 — Steel Cased, 6" diameter 28 Ft. deep.

10. The estimated amount of groundwater withdrawn each year 200 gal. a day — each well.

11. The log of formations encountered in the drilling of each well if available. #1 — 25 ft black soil and boulders — 40 ft. clay and gravel — Clay — Sand + gravel — Clay — sand — Clay — Sand + gravel. #2 — Sand and gravel all the way.

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 Ralph E. Whiteaker
Pauline Whiteaker

Date Dec. 11, 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.

8661

853

State of Montana
County of Gallatin } ss.

Filed Dec. 11, 1963
at 3.15 o'clock P M.

Earl Walton
COUNTY CLERK & RECORDER

By
DEPUTY

Fee $ 2.00

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

File No.....

T 3S R 5E

DUPLICATE

County Gallatin

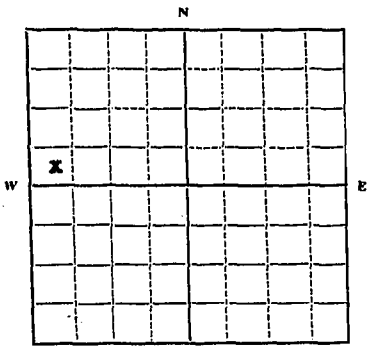
RECEIVED
JUN 12 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Richard T. Hargrove & Lois E. Hargrove of R.F.D. #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:



SW 1/4, SW 1/4, NW 1/4
1/4 Sec. 17 T 3S 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 on domestic livestock, yard and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 20th 1956, daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 17 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
Yard and garden, at location of well, Richard T. Hargrove and Lois E. Hargrove one acre.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1 H.P. Electric pump, 1 1/4 X 1 1/2 Jet suction, location as indicated above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 20th 1956

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 deapth of well, 32 feet, six inch casing

10. The estimated amount of groundwater withdrawn each year 1,116,900 gallons

11. The log of formations encountered in the drilling of each well if available estimated- 9 feet of soil, 23 feet- gravel and clay

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 Owners Richard T. Hargrove
Lois E. Hargrove

Date April 26th 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.

4618.

#641

State of Montana }
County of Gallatin } ss.

Filed June 10, 1963
at 4:00 P o'clock M.

EARL WALTON
COUNTY CLERK & RECORDER

By Lucille A. Maguire
DEPUTY

Fee $ 2.00 pd

GW 2

File No.....

DUPLICATE

STATE WATER CONSERVATION BOARD

MAR 7 1967

Billo..... McDermott.....
Butcher..... McNulty.....
Coyle..... Morton.....
Darlinton..... Sullivan.....
Dickert.....

T. 3S R. 5E 17

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

2
4
6
8 Gravel
10
12 static water level
14
16
18
20
22 Sand
24
26
28 Sand + Fine Gravel
30
32 Bottom of well

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner HARLEY KENT Address R.R. 2, BOZEMAN 2107 Bridger Dr.

Driller Donald C. Jones Address Bozeman, Mont.

Date of Notice of Appropriation of Groundwater .....

Date well started Dec. 20, 1966 Date Completed Dec. 26, 1966

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Churn Drill (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)
6 in.	6 5/8" O.D. 17#	1' above Ground	32	—	—	—

N
W E
S
X

SE¼ SE¼ Sec. 17 T. 3S R. 5E

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

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well —

Pumping Water Level 32 feet at 20 gal. per minute.

Discharge in gal, per min. of flowing well —

How Tested Pump Length of Test 45 min.

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) .....

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 School of Mines and Quadruplicate for the Appropriator.

2075

State of Montana
County of Gallatin } ss.
Filed March 6, 1967
at 8:50 o'clock a M.
Carl L. Stucky
County Clerk & Recorder
By Lee O. Walter
Deputy
Fee $ 2.00 Pd.

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

File No.....

T. 3S R. 5E

DUPLICATE

County Gallatin

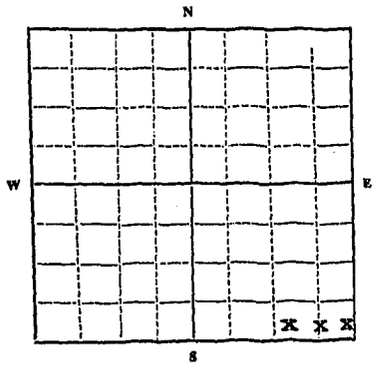
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 16 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. HARLEY KENT as one of the owners R. #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:



.....¼..... Sec. 17 T. 3S 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 For domestic use and farm building site, yard and livestock use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
A - No. 1 drilled about 1922 - continuous
B - No. 2 dug 1950 - continuous
C - No. 3 dug 1957 - use intermittent

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

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 Approximately 2 acres at the farm building site.

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 located at building site as indicated in diagram to left, which building site is approximately 60 rods west and 20 rods north of the southeast corner of Section 17, T3S R5E, M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater see answer 3 above

8. The depth of water table all three wells - approximate 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
Well No. 1 - about 32 feet
Well No. 2 - about 20 feet
Well No. 3 - about 20 feet

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 none

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 This Notice of Declaration is made as an appurtenance to lands partially owned and leased by the undersigned and is made as an appurtenance to the Seymour Kent farm situate in Sections 16 and 17, T3S, R5E, M.P.M. and not as a personal right or declaration.

Signature of Owner Harley Kent

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.

35967

1653

Gallatin County, }
State of Montana. } ss.

Filed Dec. 31 1963

at 2:01 o'clock P. M.

Earl Walton
COUNTY CLERK & RECORDER

By [illegible]
DEPUTY.

Fee $ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—48557

File No. ..... RECEIVED

T. 3S R. 5E

TRIPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner James L. & Betty J. Richey Address Rt.3,Box 207, Bozeman

Driller Harold Hulbert Address RTI Bozeman

Date of Notice of appropriation of groundwater .....

Date well started Nov 1969 Date completed Dec 15 1969

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable Tool (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.	2 above	35½	none		

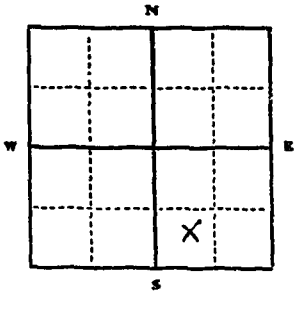
LOG

Top of Ground

(Elev. above sea level .....)

0-2 soil rock
2-8 gravel & rock
8-14 rock
14-20 rock & clay
20-31 gravel & rock
31-33 clay & rock
33-37 sa nd water & gravel
36 Bottom of well

Show exact depth of bottom.



SW ¼ SE Sec. 17 T. 3S R. 5E

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

Static Water Level for non-flowing well 11 feet.

Shut-in Pressure for Flowing Well .....

Pumping Water Level 24 feet at 28 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested 3 hrs by pump

Length of Test .....

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

(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).

File 3263
Date June 18, 1973.
Time 11:35 a.m.

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.

53,791

3263

State of Montana
County of Gallatin } ss.
Filed June 18, 1973
at 11:35 o'clock A M.
Carl L. Stucky
County Clerk & Recorder
By Clara J. Hall
Deputy
Fee $3.00 PD.

GT

Approved Stock Form—State Publishing Co., Helena, Montana—41921

18

File No.....

T. 3 S R. 5 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

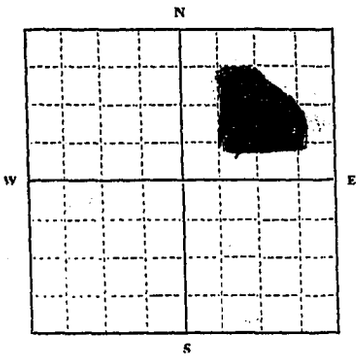
RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harry R. Figgins and Ina Figgins, 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:



NE ¼ NE Sec. 18 T 3S 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 Sub-irrigation for pasture, hay, crops, and stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1887 continuous continuous there after.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 Approximately 35 acres by declarant and predecessor in interest. Owners Harry R. Figgins and Ina Figgins. Refer to map as to description.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural springs and sub-irrigation.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater None

8. The depth of water table Ranging in depth from surface to 2 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 None

10. The estimated amount of groundwater withdrawn each year 50 miners inches continuous.

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

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 Soil and water conservation plan No. 218 of Gallatin soil conservation district.

Signature of Owner Harry R Figgins
Ina R Figgins

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.

12112

993

State of Montana }
County of Gallatin } ss.

Filed Dec 23, 1963

at 1:43 o'clock P. M.

COUNTY CLERK & RECORDER

By

DEPUTY

Fee $ 2.00

GW 4

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

File No.....

T. 3 S. R. 5 E.

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

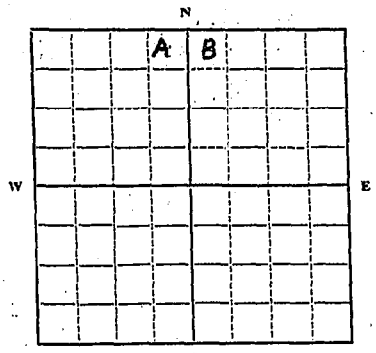
RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harry R. Figgins and Ina Figgins, 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:



A-NE ¼ NW Sec. 18 T. 3S R. 5E
B-NW ¼ NE Sec. 18 T. 3S 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 Household, Livestock water, irrigation and Domestic.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been A-continuous use by owner & since 1937 B-Continuous use by owner & predecessor from approximately 1900 to 1958 intermittent there after.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallon per minute per well.

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 A-none B-about 1 acre in immediate area of well by declarant & predecessor to irrigate yard and garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A- By electric pump. B- By pump. Location see illustration.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater A- Started and completed in 1937
B-Completed approximately 1900, (estimated)

8. The depth of water table A- 6ft. B- 30ft.

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 A-Shallow, 10 inch, 15 ft. depth
B- Deep, 10 inch, 50 ft. depth

10. The estimated amount of groundwater withdrawn each year Both wells 50,000 gallons

11. The log of formations encountered in the drilling of each well if available
A- Soil, clay, sand, gravel, & rocks.
B- No information 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

Harry R. Figgins
Signature of Owner Ina Figgins

Date Dec. 11, 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.

12082

State of Montana
County of Gallatin } ss.

Filed Nov 23, 1963

at 1:42 o'clock P M.

COUNTY CLERK & RECORDER

By

DEPUTY

Fee $ 2.00

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

File No.....

DUPLICATE

T. 3 South 5 East

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

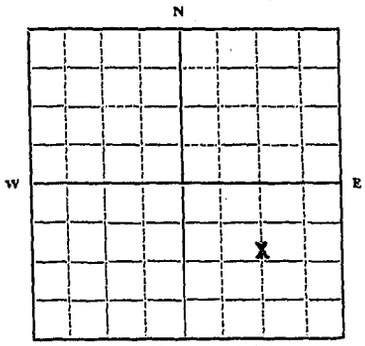
RECEIVED
JUN 12 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Richard T. Hargrove & Lois E. Hargrove of R.F.D. #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:



SE 1/4NW 1/4 SE 1/4

.....¼..... Sec. 18 T3S 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, livestock, yard and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov. 10th 1950-daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 17 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 yard and garden, at location of well, Richard T. Hargrove and Lois E. Hargrove one acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1H.P. Electric pump, 1 1/4 X 1 1/2 Jet Suction location as indicated above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov. 10th 1950

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 deapth of well 49 feet, six inch casing

10. The estimated amount of groundwater withdrawn each year 2,604,700 gallons

11. The log of formations encountered in the drilling of each well if available estimated- 9 feet of soil, 40 feet-gravel and clay

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

R. T. Hargrove
Signature of Owner Lois E. Hargrove

Date April 26th 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.

4619.

#642

State of Montana } ss.
County of Gallatin }

Filed June 10, 1963

at 4:02 o'clock P M.

EARL WALTON

COUNTY CLERK & RECORDER

By Lucille A. Wagner

DEPUTY

Fee $ 2.00 pd

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232

19

File No.....

T. 3S R. 5E

DUPLICATE

County Gallatin

LOG

MONTANA WATER RESOURCES BOARD
RECEIVED
MAY 3, 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level.....)

0-12 feet
Black Topsoil

12-15 feet
Intermixed fine to very coarse Sand, Boulders & Gravel

15 feet
Static Water Level

15 feet
Claybound Boulders

50 Feet
Coarse Gravels

50-60 Feet
Claybound Sand & Gravels

60-64 Feet
Dirty Sand & Gravel

64-77 Feet
Clay

Show exact depth of bottom.

Owner R.T. Hargrove Address Star Route Bozeman, Mont.

Driller Potts Drilling and Dev. Address R.R.#1. Bozeman, Mont.

Date of Notice of appropriation of groundwater.....

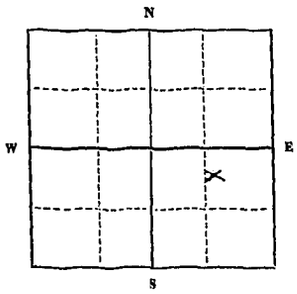
Date well started 3/10/69 Date completed 3/11/69

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

Water use: Domestic [X] 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)
6"	6" I.d. 250 Wall	+2	59'	⅛ X 4"	60'	65'
5"	5" I.D. 250 Wall	58'	78'			



NE ¼ SE Sec. 19 T. 3S R. 5E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 15 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 55 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested Pump and Bailer

Length of Test 4 hours

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

.....(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).

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.

150
Driller's License Number

Robert a Potts
Driller's Signature

45,274

2229

State of Montana
County of Gallatin } ss.

Filed May 26, 1969
at 3:50 o'clock P. M.
Carl L. Stuchy
County Clerk & Recorder
By Betty Rose Griggs
Deputy
Fee $ 2.00 pd.

19

T. 3 S R. 5 E

County Gallatin

RECEIVED
FEB 20 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

19			

Owner Ed Reisin Address R.R. 2 Bozeman Mont

Driller Van Dyken Drilling Co. Address Bozeman

Date Started Sept. 1/58 Date Completed Sept. 10/58

Location: Sec. 19 T. 3 S. R. 5 E. ¼ sec.

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

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

Industrial [ ] Drainage [ ] Other: dairy

Casing: 0 ft. to 192 ft. Type prime steel Size 6 5/8" O.D. 17" P.E.

Casing: T.D. 190 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: 40 feet.

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

Pumping water level 155 feet at 25 gal. per min.

How tested: Bailer

Length of test 1 hr.

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
0-	6	clay
6-	155-	clay embedded gravel and boulders
155	162	gravel was 25 ft overnite
162	176	clay (dry)
176-	190	(water) clean sand + gravel

Gallatin County,
State of Montana. } ss.

Filed Feb. 19, 1979
at 2:45 o'clock P. M.

EARL WALTON
COUNTY CLERK & RECORDER

By [signature]
DEPUTY

Fee $

GW

RECEIVED

JUL 5 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. .....

T. 3 S. R. 5 E.

19

DUPLICATE

County Gallatin

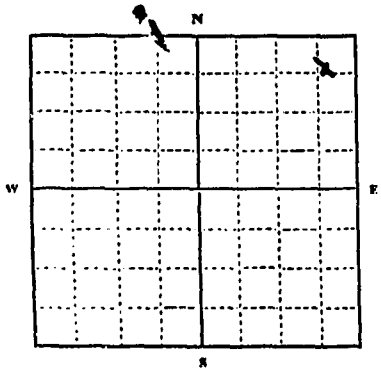
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. F. I. SABO, of 8 West Harrison 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:



NE¼ NE¼ Sec. 19 T.3 S.R.5 E.

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

3362
6-29-73
5:27 p.m.

2. The beneficial use on which the claim is based Domestic, Garden water, Stock water, Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920--continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 inches (1¼ cubic feet per second)

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 5 acres--Garden, lawn--F. I. Sabo

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920 Gravity draw

8. The depth of water table Don't know

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 N/A

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

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

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 Not available

Signature of Owner F. I. Sabo, M.D.

Date June 29, 1973

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.

55486

3362

State of Montana
County of Gallatin } ss.

Filed June 29, 1973
at 2:27 o'clock P M.

[illegible]
County Clerk & Recorder

By Elva G Hall
Deputy

Fee $ 2.00

G'

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

File No.....

T. 3S R. 5E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

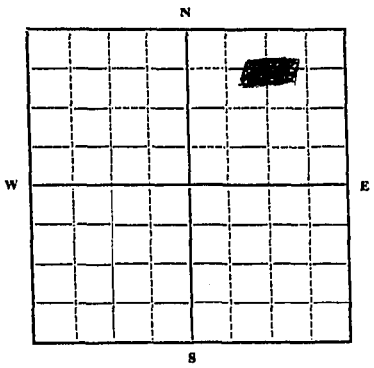
RECEIVED
JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maurice D. Dusenberry & Nancy F. Dusenberry, of Route 2 - Box 82 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 ¼ Sec. 20 T. 3S 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 raising of crops, hay, and use as pasture for livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1883- used constantly ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 20 acres by declarants and predecessors in interest described in diagram.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater no well--lands sub-irrigated and water beneficially used by crops and grasses planted thereon.

8. The depth of water table at 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 sub-irrigation of area of 20 acres

10. The estimated amount of groundwater withdrawn each year 20 miners inches continuously during all times ground is unfrozen.

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

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

Maurice D. Dusenberry
Signature of Owner Nancy F. Dusenberry

Date December 18, 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.

35746

1432

Gallatin County,
State of Montana. } ss.

Filed Dec. 31, 1963

at 9:05 o'clock A. M.

Earl Walton

COUNTY CLERK & RECORDER

By [illegible]

DEPUTY

Fee $ 5.00

GW 3 Approved Stock Form—State Publishing Co., Helena, Montana—42345 20

File No. ..... T.3 South R. 5 East

DUPLICATE County Gallatin

MONTANA WATER RESOURCES BOAR
RECEIVED
JUL 3 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

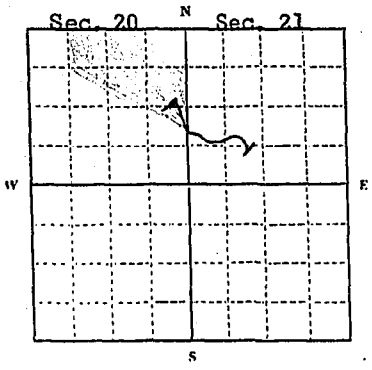
Date of Appropriation of Groundwater May 9, 1968

Owner Maurice D. and Nancy F. Duserberry Address Route 2, Bozeman, Montana

Contractor (if any) Virgil E. Ward

Address of Contractor 712 S. 10th - Bozeman, Montana

Date Started May 9, 1968 Date Completed May 15, 1968



NE ¼ Sec. 20 T. 3S R. 5E

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) ditch dug by dragline averaging 5½ feet deep, four feet wide at bottom, 12 feet wide at top and approximately 2,000 feet in length commencing in Section 21 and ending in Section 20

2) Means of withdrawing water (gravity, pump, canal, etc.) gravity and dams

3) Depth of water table 1½ feet at head of ditch, average depth 2½ feet for balance of ditch

4) Use of the water irrigation, drainage, stockwater

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 150 inches (being 100 inches waste water from Sec. 21 & 50 inches water rising in ditch in Sec. 20

6) If used for irrigation, give number of acres and description of land 40 acres approximately in Section 20, as per shaded area on map at left

7) Estimate amount of water used each year 150 inches constantly either for stock water, drainage or irrigation

Signature of Owner Maurice Duserberry
Nancy F. Duserberry

Date May 29, 1968

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.

44187

#2164

State of Montana } ss.
County of Gallatin

Filed May 31, 1968
at 3:00 o'clock P.M.

Carl L. Stucky
County Clerk & Recorder

By [illegible] Deputy

Fee $ 2.00

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

File No.....

T. 3S R. 5E

DUPLICATE

County Gallatin

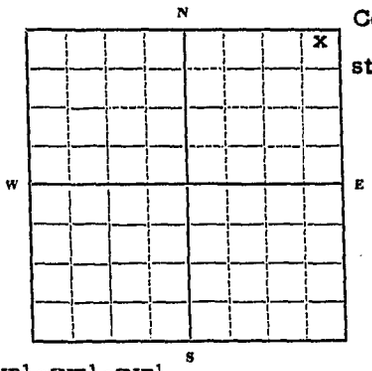
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maurice D. Dusenberry and Nancy F. Dusenberry, of Route 2-Box 82 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:



NE¼ of NE¼ of NE¼
.....¼..... Sec. 20 T.3S. 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 Continuous use by owners and predecessors since 1900 for household, livestock water, irrigation, domestic, agricultural

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1900--continuous and constant since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 110 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 About one acre in immediate area of well by declarants and predecessors to irrigate garden, yard and pasture adjoining

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed about 1900

8. The depth of water table 6 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
shallow - 4 feet wide - 15 feet deep

10. The estimated amount of groundwater withdrawn each year 75,000.00 gallons minimum

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 Maurice D. Dusenberry
Nancy F. Dusenberry

Date December 18, 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.

35747

1433

Gallatin County, State of Montana } ss.

Filed Dec 31, 1963

at 9:00 o'clock A M.

Earl Walton

COUNTY CLERK & RECORDER

By [illegible] DEPUTY

Fee $ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No.....

DUPLICATE

RECEIVED FEB 21 1964 STATE ENGINEER

Filing data?

T 3 S R 5 E

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 20 1963 STATE ENGINEER

Top of Ground

(Elev. above sea level 4700')

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Edward Rosenburg and Oscar Rosenburg Address Rt. 2, Bozeman, Montana

Driller Not available Address.....

Date of Notice of Appropriation of Groundwater.....

Date well started Not available Date Completed Not available

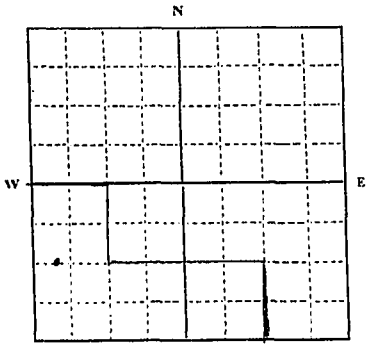
Type of well Drilled (dug, driven, bored or drilled) Equipment Used Drill (Churn, drill, rotary or other)

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.

Artesian well 110 foot deep.
Flow 1 gallon each 10 seconds or 360 gallon per hour.
This well was drilled approximately in 1940.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6"	4700'	4590'			



W½SW¼ Sec. 20 T 3S R 5E

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

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

Shut-in Pressure for Flowing Well Not known

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

Discharge in gal. per min. of flowing well 6 gallon

How Tested Measured Length of Test Several minutes
Flow is constant

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) 1 acre

Show exact depth of bottom.

110 foot

~~Driller's License Number~~

Oscar Rosenburg
Edward Rosenburg

~~Driller's Signature~~
Signatures of owners

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.

10788

961

Gallatin County } ss.
State of Montana }

Filed Dec 20 19 63

at 4:40 o'clock P M.

Earl Walton

COUNTY CLERK & RECORDER

By _____ DEPUTY.

Fee $ 2.00 pd

GW 3

File No.....

DUPLICATE

Filing date?

RECEIVED
FEB 21, 1964
STATE ENGINEER

T. 38 R. 5E

County Gallatin

RECEIVED
DEC 20 1963
STATE ENGINEER

20

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 1945

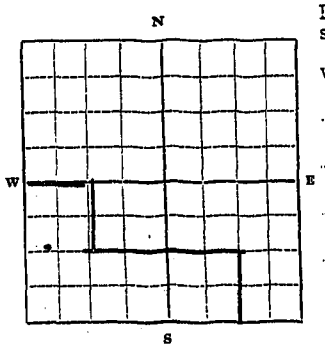
Owner Edward Rosenburg Address Rt. 2 Bozeman, Montana
Oscar Rosenburg

Contractor (if any) none

Address of Contractor none

Note: Spring was used by Father in 1891

Date Started..... Date Completed.....



W½ SW ¼ Sec. 20 T 38 R. 5E

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 constant flowing Spring

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

Flow is 2 gallon each 50 seconds by actual measurement or 144 gallon per hour. Water is used for watering livestock year around.

Signature of Owner Oscar Rosenburg
Edward Rosenburg

Date December 3, 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.

10787

#959

Gallatin County,
State of Montana, } ss.

Filed Dec 20, 1963

at 4:05 o'clock P M.

Earl Walton
COUNTY CLERK & RECORDER

By
DEPUTY

Fee $ 2.00 pd.

G1

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.....

T. 3S R. 5E

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

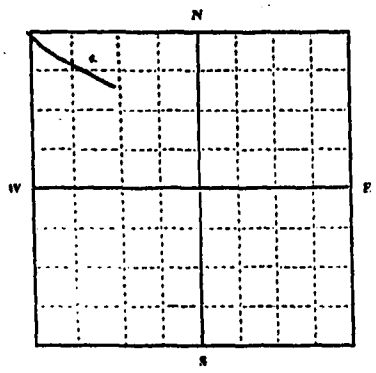
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Shelby S. and Rhoda E. Brown, 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:



NW 1/4 NW 1/4 Sec. 21 T. 3 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 Household and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1918 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) One 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 Three acres-Hidden Valley Sub-Division-Lots NW¼ of NW¼ S21 T3S R5E Shelby S. and / or Rhoda E. Brown

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1918 (Previous)

8. The depth of water table Four to ten 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, six inch tile casing, sixteen feet in depth

10. The estimated amount of groundwater withdrawn each year 525,600 gallons per year

11. The log of formations encountered in the drilling of each well if available Two feet of surface soil fourteen feet of coarse 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 Unknown

Signature of Owner Shelby S. Brown
Rhoda E. Brown
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.

3609'

1777

State of Montana
County of Gallatin } ss.

Filed Dec 31, 1963
at 4:23 o'clock P M.

Earl Walson
COUNTY CLERK & RECORDER

By
DEPUTY

Fee $ 2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MAR 14 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

3S-5E 21

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 Elwin Bundert

Address Route # 3.
Bozeman, Montana

Date well started 3-6-72

completed 3-8-72

For Administrator's Use
File 3055, March 13, 1972
1:15 pm
GW 1

Type of well drilled
(Dug, driven, bored or drilled)

Equipment used cable tool
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

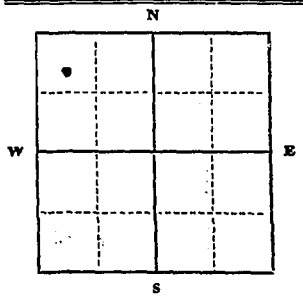
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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" I.D. 17#	+1	28'6"			



NW ¼ NW ¼ Sec. 21
T. 3 N/S R. 5 E/W

Static water level 9 ft.*
Pumping water level 13 ft.*
at 40 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by Pump & Bailer
for 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Herbert A. Potts

Driller's Address Potts Drilling and Developing
Route #1, Bozeman, Montana LICENSE NO. 150

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.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
1	12	Coarse gravel
12	29	Coarse dirty gravel

29' Show exact depth of bottom

50,037

3055

State of Montana
County of Gallatin } ss.

Filed March 13, 1972
at 1:15 o'clock P M.

Carl L Stucky
County Clerk & Recorder

By Otta M. Haugen
Deputy

Fee $ No Ad.

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

21

File No.....

T. 3S R. 5E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

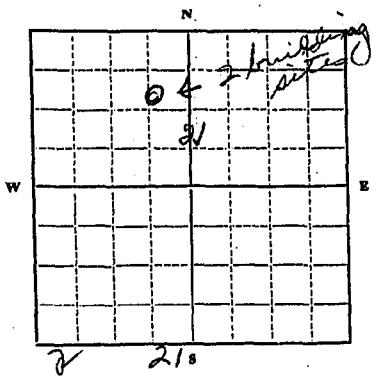
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MARY KUNDERT, of R. R. #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:



.....¼..... Sec..... T. 3S 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 use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 and prior thereto

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
Two acres consisting of two building sites approximately 40 rods west and 40 rods north of the center of Section 21, Township 3 South Range 5 East. Owner - Mary Kundert

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
2 wells - 1/2 h.p. electric pump for each

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 4 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
1 - 23 feet deep - drilled
1 - 14 feet deep - dug

10. The estimated amount of groundwater withdrawn each year 300,000 gallons per 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 Mary Kundert

Date December 24, 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.

14657

#1094

State of Montana }
County of Gallatin } ss.

Filed December 27, 1963
at 1:37 o'clock P. M.

EARL WATSON COUNTY CLERK & RECORDER

By Ida T. Morrow
DEPUTY

Fee $2.00 Paid.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42345

21

File No.....

T. 3South R. 5East

DUPLICATE

County Gallatin

MONTANA WATER RESOURCES BOAR
RECEIVED
JUN 30 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

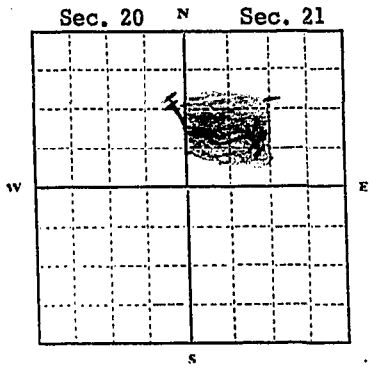
Date of Appropriation of Groundwater May 9, 1968

Owner Mary E. Kundert and Elwin L. Kundert Address Route 2, Bozeman, Montana

Contractor (if any) Virgil E. Ward

Address of Contractor 712 South 10th - Bozeman, Montana

Date Started May 9, 1968 Date Completed May 15, 1968



NW ¼ Sec. 21 T. 3S R. 5E

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) ditch dug by dragline averaging 5½ feet deep, four feet wide at bottom, 12 feet wide at top and approximately 2,000 feet in length commencing in Section 21 and ending in Section 20

2) Means of withdrawing water (gravity, pump, canal, etc.) gravity and dams

3) Depth of water table 1½ feet at head of ditch, average depth 2½ feet for balance of ditch

4) Use of the water irrigation, drainage, stock water

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 100 inches

6) If used for irrigation, give number of acres and description of land approximately 37 acres in Section 21, as per shaded area on map at left

7) Estimate amount of water used each year 100 inches constantly either for stock water, drainage, or irrigation

Signature of Owner Mary E. Kundert
Elwin L. Kundert

Date May 29, 1968

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.

44186

#2165

State of Montana
County of Gallatin } ss.

Filed May 31, 1968
at 3:05 o'clock P M.

Carl L. Stucky
County Clerk & Recorder

By Lucille A. Hufwedel
Deputy

Fee $ 2.00

21

Form No. 18
8-60

T. 3 S R. 5 E

County Gallatin

RECEIVED
JAN 8 1962
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner Robert W. Miller Address Rt. 2, Bozeman, Mont.

Driller Jones Welding & Drilling Address Box 931, Bozeman, Mont

Date Started Dec. 6, 1961 Date Completed Dec. 7, 1961

Location: Sec. 21 T. 3 S R. 5 E ¼ sec. SE¼ NW¼ NE¼ SW¼

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

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

Casing: Surface Pipe to 28 ft. Type Black Size 6⅝ O.D. 15#

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. None to ft. . Ft. to ft.

Type of screen or perforations None

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

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

Pumping water level 28 feet at 30 gal. per min.

How tested: pump

Length of test 1 hour

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

(over)

Log of Well

feet	
0 to 2	topsoil
2 to 8	Gravel
8 to 20	Gravel with clay
20 to 24	Sand
24 to 28	fine Gravel

Gallatin County,
State of Montana. } ss.
Filed Dec 29, 1961
at 2:30 o'clock P M.
Carl Walker
COUNTY CLERK & RECORDER
By [illegible]
DEPUTY
Fee $ 2.00

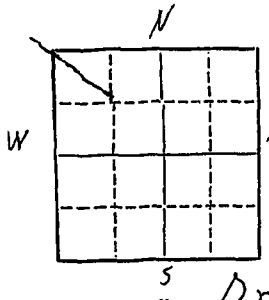
#378

RECEIVED
APR 14 1959
STATE ENGINEER

T. 3 S R. 5 E 21
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner: John M Roberts Address: ROUTE 2 - BOZEMAN ~~Gallatin Gateway~~

Driller: M.E. Jones Address: Helena

Date Started: June 18, 1958 Date Completed: June 21, 1958

Location: Sec. 21 T. 3 S R. 5 E ¼ sec. NW¼ NW¼ N of Road

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other:

Casing: 2½ ft. to 25 ft. Type: Std Pipe Size: 6" ID

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: None

Static Water level, for non-flowing well: 9 feet.

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

Pumping water level 25 feet at 12 gal. per min.

How tested: Bail

Length of test: 1 Hour

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
Surface	2'	Topsoil & Clay
2'	25'	Coarse Gravel
25'	26'	Sand

STATE OF MONTANA } ss.
COUNTY OF GALLATIN }
Filed April 13, 1959
at 10:20 A.M.
Recorded in book ____ Page ____
EARL WALTON
County Clerk and Recorder
By [signature]
Fee $ 1.00

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.....

T. 3S R. 5E

DUPLICATE

County GALLATIN

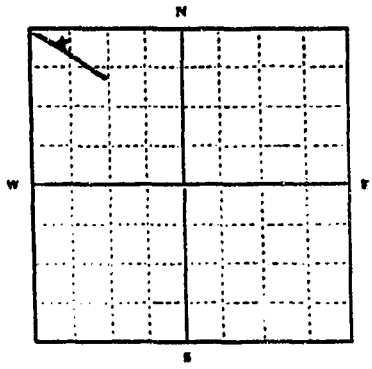
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John M. and Jerrie O. Roberts (Name of Appropriator), of Route 2 (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:



NW ¼ NW ¼ Sec 21 T3S 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
Household and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 18, 1958 from registered well. Flood water previous to 1918 for irrigation.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) One 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
7.15 Acres. Farm land of two ft. topsoil, and gravel base.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was drilled and registered June 21, 1958

8. The depth of water table Water table about 5 to 8 feet from surface with an average depth of 25 feet to hard pan.

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 a drilled well 6" steel casing and is 25' in depth.

10. The estimated amount of groundwater withdrawn each year Estimated amount of water withdrawn per year 525,600 gallons

11. The log of formations encountered in the drilling of each well if available
2 feet of surface soil, 25 feet of course gravel, and 1 foot of 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 Well was registered at time of drilling with Montana Bureau of Mines and Geology.

Signature of Owner John M. Roberts
Jerrie O. Roberts
Date December 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.

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