

3349

State of Montana ss.
County of Gallatin
Filed June 29 1973
at 1:34 o'clock P.M.
P. J. Seneca
County Clerk & Recorder
By Alta Haugan
Deputy
Fee \$ 2.00

G.

Approved Stock Form—State Publishing Co., Helena, Montana—C-34

File No. _____

T 15 R 5E Sec 15
County Gallatin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
AUG 12 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

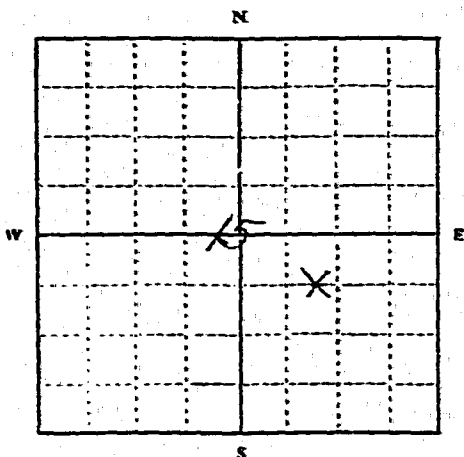
STATE ENGINEER

Richard H. Morris
(Name of Appropriator)Route #1 Box 337B Bozeman
(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. 15 T. 15 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 use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1961 to this date August 8, 1964
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 GPM
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Domestic
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started April 27, 1964 completed May 1, 1964

8. The depth of water table 31'

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 5/8" O.D. x 15', 10" pack steel

10. The estimated amount of groundwater withdrawn each year Normal household use for family of 4

11. The log of formations encountered in the drilling of each well if available 1'-6' top soil & clay 6' to 24' gravel, 24' to 30' tight sand & gravel, 30' to 34' fine gravel, 34' to 38' 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 Don't know & can't find

Signature of Owner

Date August 9, 1964

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

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

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

38371

#1862

State of Montana }
County of Gallatin } ss.

Filed August 11, 1964
at 2:30 o'clock P. M.

EARL WALTON

By

Paul G. McPherson
COUNTY CLERK

Fee \$ 2.00 pd DEPUTY

File No. _____

DUPLICATE

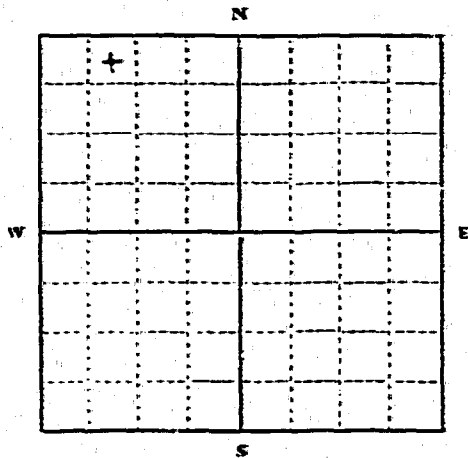
T. 15 R. 56
County GoldenSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Goldie Morine, of 17th Bozeman
(Name of Appropriator) (Address) (Town)
County of Golden State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec. 15 T. 15 R. 56

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

2. The beneficial use on which the claim is based
household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
6 yrs ago
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
50 gals 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
4 acres around house & yard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
6 yrs 290
8. The depth of water table
20 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
20000 gals per yr
10. The estimated amount of groundwater withdrawn each year
200,000 gals per yr
11. The log of formations encountered in the drilling of each well if available
Not 2021/266
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

Goldie Morine

Date

12-27-67

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.

33318

1178

1178

State of Montana } ss.
County of Gallatin }

Filed 12-30, 1963

at 8.43 o'clock 9 M.

Carl J. [unclear]

COUNTY CLERK & RECORDER

By [Signature]

Fee \$ 2.00

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 Robert & Zella Ridgway

Address 406 Engert Place

Bozeman, Montana

Date well started Feb 9 1973

completed Feb 20 1973

For Administrator's Use

File 3196

February 23, 1973

GW 1 3:35 p.m.

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable Tool

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

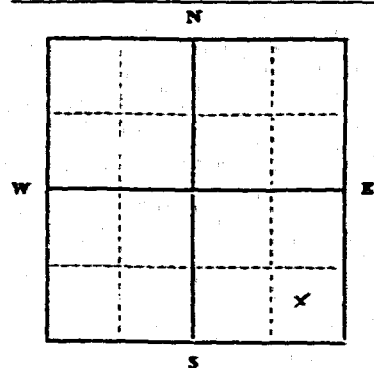
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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)
7"	17 lb 6 5/8 OD	I above	32ft	6 Inches	---	NCNE ---



Static water level: 12 ft.
Pumping water level 15 ft.
at 60 gallons per minute,
measured 30 minutes after pumping
began.

*Measured from ground level.
Well developed by purp & barter
for 3 hours.
Power 225 Pump 3 HP
Remarks: (Gravel packing, cementing,
pickers, type of shut-off)

SS $\frac{1}{4}$ SS $\frac{1}{4}$ Sec 15
T. 1 N R. 5 E
S W

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

Driller's Signature Harold B. Hulbert

Driller's Address Route One Bozeman, Montana

Eulbert Drilling LICENSE NO. 47

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)

[illegible]

33 Show exact depth of bottom.

52,494

3196

State of Montana } ss.
County of Gallatin }
Filed Feb 23, 19 73
at 2:35 o'clock P.M.
P. J. T. T. T.
County Clerk & Recorder
By Alta Hangan
Deputy
Fee: 2.00

File No. _____ STATE WATER CONSERVATION BOARD

T.15 R.5E

DUPLICATE

MAR 29 1967

County GallatinLOG SEE STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level Dickert)**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

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

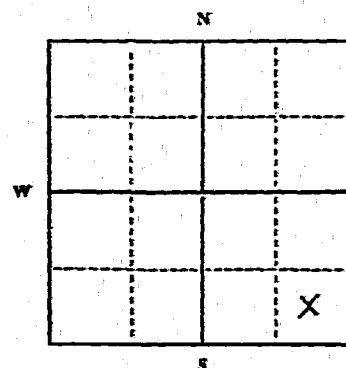
Owner Elmer Roessner Address RDI BozemanDriller Donald C. Jones Address Bozeman

Date of Notice of appropriation of groundwater _____

Date well started April 18, 1962 Date completed April 30, 1962Type of well Drilled Equipment used Churn Drill
(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)
6"	6 1/2" O.D. X 13'	Top of Ground	37	None		

Static Water Level for non-flowing well 9 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 37 feet
at 40 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PumpLength of Test 3 Hours

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

3E 1/4 Sec. 15 T.15 R.5E

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

(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

Driller's Signature Milton E. Jones

41822

2087

State of Montana } ss.
County of Gallatin
Filed March 27, 1967
at 3:45 o'clock P. M.
Carl L. Stucky
County Clerk & Recorder
By Lee O. Walters
Deputy
Fee \$ 2.00 Ed.

County Galatin

RECEIVED
JUN 14 1961

STATE ENGINEER

Location: Sec. 15 T. 15 R. 5 E $\frac{1}{4}$ sec. NW 1/4, SE 1/4

(over)

Log of W-21

[illegible]

File No. _____

T 1S R 5E

DUPLICATE

County Gallatin

LOG

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)

Owner Peter John Strong, et ux Address Route 1, Box 3170
Bozeman, Mont

Driller Harold Hulbert Address Rt 1 Bozeman

Date of Notice of appropriation of groundwater _____

Date well started April 11 1970 Date completed April 11 19

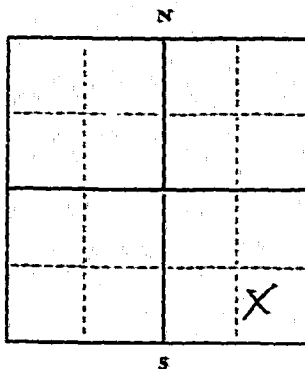
Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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"	6 5/8 O. N. 19 lb	3 above	29ft			

Doc. No. #3082
Filed for record
this 8th day of June
A. D. 19 72, at 4:45
o'clock P. M.



SE 1/4 Sec. 15 T. 1S 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 9 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 15 feet
at 28 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump & bailer

Length of Test 1 hr pump

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).

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.

50,584

3082

State of Montana
County of Gallatin
Filed June 8 1972
at 4:45 o'clock P. M.
Carl L. Stucky
County Clerk & Recorder
By Lawrence W. Bridges
Deputy
Fee \$ 2.00

File No. _____

T 1S R 5E

DUPLICATE

County Gallatin

LOG

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)

Top of Ground

(Elev. above sea level _____)

0-4 soil
4-8 soil & gravel rock
8-12 clay & gravel
12-16 clay
16-18 gravel & water
18-25 clay & gravel
25-29 clay & sand & gravel
29-31 gravel & water
30' Bottom of well

Owner Glen & Mabel Sutherlin Address Rte. 1 BozemanDriller Harold Hulbert Address Rt. 1 Bozeman

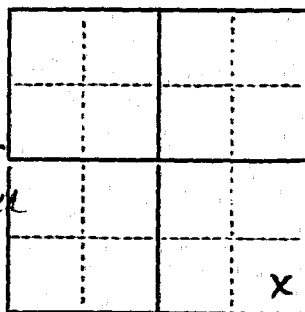
Date of Notice of appropriation of groundwater _____

Date well started Dec 20, 1969 Date completed Dec 24, 1969Type 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. 19 lb	2 above	30' 9"	none		

Doc. No. 2208
Filed for record
this 9 day of September
A.D. 19 70, at 4:30
o'clock P.M.



SE 1/4, SE Sec. 15 T. 15R. 5E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 12 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 14 feet
at 40 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PumpLength of Test 2 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).

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 S. Hulbert

47480

2308

State of Montana } ss.
County of Gallatin }
Filed Sept. 9, 1970
at 4:30 P M., and
Recorded in Book _____ of _____
Page _____
Carl L. Stucky
County Clerk & Recorder
By Linell A. Hapner
Deputy
Fee \$ 2.00

File No. _____

STATE WATER CONSERVATION BOARD

T 15 R 5E 15

DUPLICATE

OCT 24 1966

County Gallatin

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0-1 Soil
1-3 Gravel & soil
3-19 Gravel & rock
19-15 Clay & rock
15-23 clay & rock
23-25 clay
25-29 clay
29-30 gravel & water
29 ft 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 Glen A. & Mabel R. Sutherlin Address Route 1, Box 300 Al Bozeman, Montana

Driller Harold Hulbert Address Route 1, Bozeman

Date of Notice of appropriation of groundwater _____

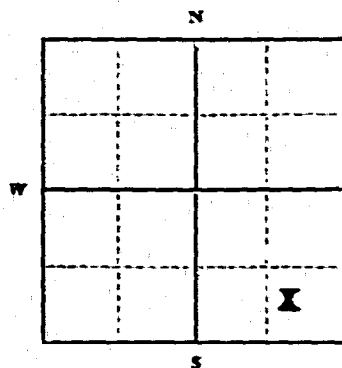
Date well started Dec 8, 1965 Date completed Dec 11, 1965

Type of well Churn 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	I above	29			



Static Water Level for non-flowing well _____ feet

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 2 Hrs

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

SE 1/4 SE Sec. 15 T. 15 R. 5E
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 P. Hulbert
Driller's Signature

41,542

#2049

State of Montana } ss.
County of Gallatin }

Filed Oct. 18, 1966
at 4:30 o'clock P. M.

Carl L. Stucka
County Clerk & Recorder

By Frank A. Hapgood
Deputy

Fee \$ 2.00

Form No. 18
8-60

15
T. 15 R. 5E
County Stillwater

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water well log

Owner Dale Williams Address RT 1 Bozeman
Driller unknown Address _____
Date Started 1882 Date Completed ✓
Location: Sec. 15 T. 19 R. 5E $\frac{1}{4}$ sec. _____

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

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

Casing: _____ ft. to _____ ft. Type Steel Size 8"

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: 15 feet.

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

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

How tested: _____

Length of test _____

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

(over)

#437

Gallatin County, } ss.
State of Montana. }
Filed Dec 29 1961
at 4:31 o'clock P M.
Earl Wallon
COUNTY CLERK & RECORDER
By A. A. Maxwell
DEPUTY
Fee \$ 2.00

Form No. 18
8-60

15

T. 13 R. 5E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner Dale Williams Address RT 1 Bozeman
Driller unknown Address ✓
Date Started 1868 Date Completed ✓
Location: Sec. 15 T. 13 R. 5E $\frac{1}{4}$ sec.

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

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

Casing: _____ ft. to _____ ft. Type Steel Size 8 inch

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

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

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

Type of screen or perforations _____

Static water level, for non-flowing well: 30 feet.

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

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

How tested: _____

Length of test _____

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

(over)

#436

Gallatin County, } ss.
State of Montana. }
Filed Dec 29 1961
at 4:30 o'clock P M.
Carl Walton
COUNTY CLERK & RECORDER
By J. A. Matweel DEPUTY
Fee \$ 2.00

File No.

DUPLICATE

T 15 R 5E

County Gallatin

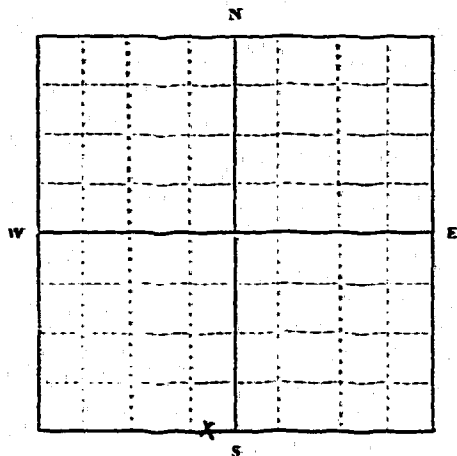
DEC 19 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harvey Carter, of RT 1 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:



SE 1/4 Sec 17 T 15 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 Aquifer use and stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945. Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 1 gallon per minute for light and play.
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 Irrigation of yard and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump with 4 inch casing.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table approximately 40 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 inch casing.
10. The estimated amount of groundwater withdrawn each year 518,400 Gals per yr
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

Harvey Carter
Date Dec 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.

10253

State of Montana }
County of Gallatin }

Filed Dec. 18, 1963

at 1:30 o'clock P.M.

Carl Walton RECORDER

B. Sten

27rd

RECEIVED

14-5E 17
County Mallatin

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 J. Elmer Cook

Address Pt 1 Box 250

July 10, 1974

Date well started June 1930

completed 11.1.1930

Type of well Dug

(Dug, driven, bored or drilled)

Equipment used Unknown

(Churn drill, rotary or other)

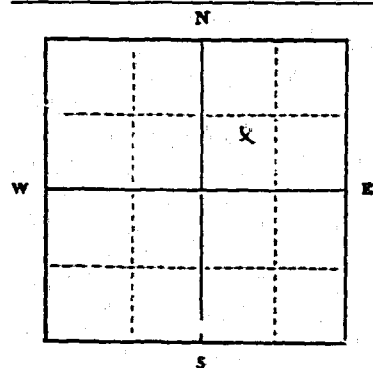
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

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 2 073 600 gal

[illegible]

Static water levelft.*
Pumping water levelft.*
atgallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by

for hours.

Power 6.6 HP Pump 1/4 HP

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

NE $\frac{1}{4}$ Sec. 17
T. 1 S. R. 5 E. E

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

Driller's Signature

Driller's Address

LICENSE NO.

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)

[illegible]

Show exact depth of bottom

A7856

2331

State of Montana } ss.
County of Gallatin }

Filed June 4, 1970
at 1:25 o'clock P.M.

Carl Shuck
County Clerk & Recorder

By Maura Shadron
Deputy

Fee 300 pd

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 Albert E. & Harriet M. DeHoff

Address Route #1, Box 256

Belgrade, Montana 59714

Date well started prior to 1933

completed

Type of well drilled

(Dig. driven, bored or drilled)

Equipment used

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

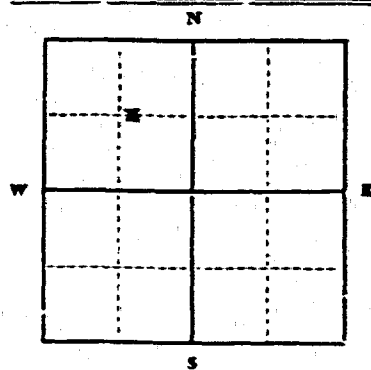
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***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 500,000 GAL.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4"					



Static water level 20 ft.*
Pumping water level .. 46 ft.*
at 2 gallons per minute,
measured minutes after pumping
began. based on 24 hr. day.

*Measured from ground level.

Well developed by ...

for _____ hours.

Power ~~51~~ ~~1/2~~ Pump ~~3/4~~ HP

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

..... 1/4 1/4 Sec. 17

T LS N R SR E
S W

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

Driller's Signature**Driller's Address**

LICENSE NO.

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)

[illegible]

50' Show exact depth of bottom

47337

2330

State of Montana }
County of Gallatin } ss.
Filed Dec 1, 1970
at 10:00 o'clock A. M.
Carl L. Stucky
County Clerk & Recorder
By Alta M. Hargens
Deputy
Fee \$ 2.00

File No. _____

WATER CONSERVATION BOARD

T 1S R 5E

DUPLICATE

OCT 24 1966

County

LOG

Title _____ STATE OF MONTANA
 Bureau _____ ADMINISTRATOR OF GROUNDWATER CODE
 Office _____ OFFICE OF STATE ENGINEER
 Division _____
 District _____

Top of Ground

(Elev. above sea level _____)

0-2 soil & rock
 2-8 gravel & rock
 8-15 gravel & rock
 15-20 clay & rock
 20-22 rock
 22-26 rock & clay
 26-28 sand & gravel
 & water
 28-32 sand
 32-39 sand
 39-41 gravel & water
 41 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 Keith E. Nelson & Marion H. Nelson Address 803 S. 7th Bozeman, Montana

Driller Harold Hulbert Address Route 1, Bozeman

Date of Notice of appropriation of groundwater _____

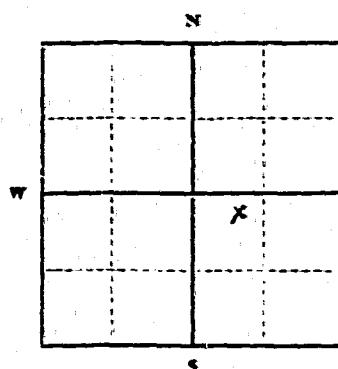
Date well started Oct. 6, 1966 Date completed Oct. 9, 1966

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 5 5/8 O. D.	4 above	40	None		



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet

at 21 50 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump & bailer

Length of Test 2 hrs

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

NW 1/4 Sec. 17 T. 1S R. 5E
 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

Driller's Signature

41,543

2048

[illegible]

State of Montana 55.
County of Blaine
Filed Oct. 17 1956
at 3:50 o'clock P.M.
Carl E. Sweeney
County Clerk & Recorder
By _____
Deputy
Fee \$2.00 pd

File No. _____

T 18 R 5E

DUPLICATE

County Gallatin

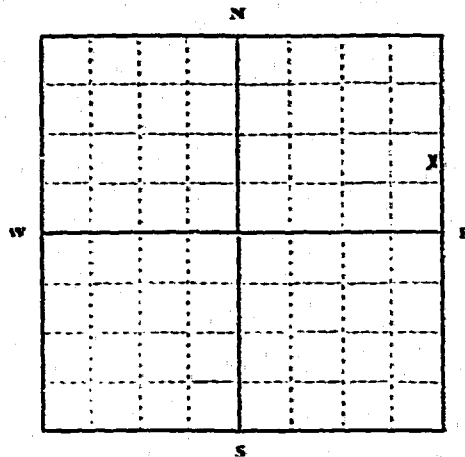
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE $\frac{1}{4}$ Sec 18 T.18 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 cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Unknown
Used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
lawn and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric 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 Varies
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
6 in casing, 40 feet deep
10. The estimated amount of groundwater withdrawn each year 529,250 gallons
11. The log of formations encountered in the drilling of each well if available
Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No Record

Signature of Owner Lena Peddes

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.

35693

1379

State of Virginia ss.
County of Loudoun

Filed 12-3 1963

at _____ o'clock _____ M.

Carl Walter
COUNTY CLERK & RECORDER

By Henry F. Jones

Fee _____

File No.

T 15 R 5 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

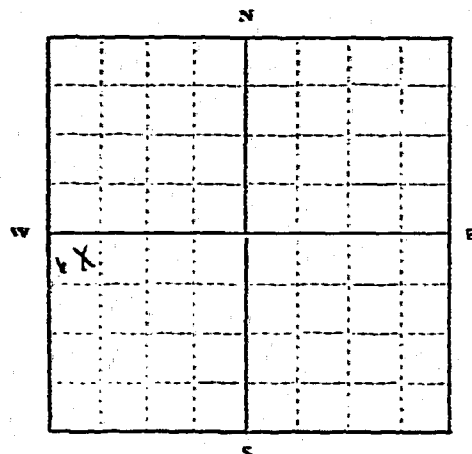
RECEIVED
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Anna Toole, of Route 1 Box 294 Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4
1/4 Sec 19 T 15 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 stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 55 used daily other original well used in winter for stock
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal pr. 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 around house and flower beds
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump and hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater original household well second drilled in February 1955
8. The depth of water table 15' to 20' in summer 25' in winter
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 wells and trench casing and 40 feet on both wells
10. The estimated amount of groundwater withdrawn each year 100 gal day, 36,500 gal in year
11. The log of formations encountered in the drilling of each well if available sandy loam with some clay and rock and pockets 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 The first well was hand dug in household days drilled 25 feet deep in 1955 and casing Record well drilled in 1955

Signature of Owner Anna TooleDate Dec 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.

10-276

905

State of Montana } ss.
County of Gallatin }

Filed Dec 12 1963

at 2:22 o'clock P M.

Carl Walton
COUNTY CLERK & RECORDER

By R. Stone
DEPUTY

Fee \$ 2.00

File No. _____

T 18 R 5E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

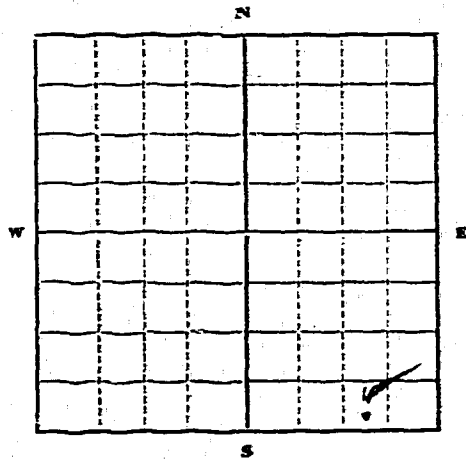
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I Jake Marx 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:



SE 1/4 Sec. 19 T. 18 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
Industrial

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Feb 26, 1963
Daily

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 400 Gals 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
Garden & Lawn - Jake Marx

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
1hp Electric Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Feb 26, 1963 completed Feb 26 1963

8. The depth of water table 12 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 Casing 6 5/8" OD steel 24' long
Pailer tested for 30 gals per minute for 1 hour

10. The estimated amount of groundwater withdrawn each year 146,000 Gals.
per year

11. The log of formations encountered in the drilling of each well if available
0' to 3' Soil 3' to 8' Gravel 8' to 12' Gravel and
Gravel 12' to 20' Gravel & Water 20' to 26' Gravel, Sand
and Water.

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

Jake Marx
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.

State of Montana
County of Gallatin

Filed Nov 27, 1963

at 6:40 o'clock P.M.
Carl Wallen

COUNTY CLERK & RECORDER

By [Signature] DEPUTY

Fee \$ 2.00

File No. _____

T 1 S R 5 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 19 1963

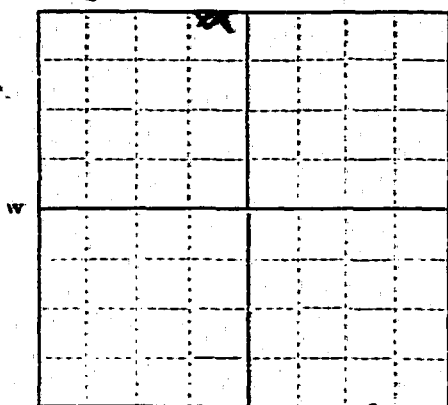
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Harvey Carter, 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:

Two N wellsTwo S wells

NE 1/4 Sec. 20 T. 1 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 House use and stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1918. Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 Gallons per minute from 2 wells
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof For yard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pumps from 4 inch Casings in 2 wells
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 40 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 inch Casings 2 wells
10. The estimated amount of groundwater withdrawn each year 1,555,200 Gals per yr
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 none

Signature of Owner

Harvey Carter

Date

12-11-63

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.

10261

907

State of Montana
County of Gallatin SS
Filed Dec 18 1963
at 1:32 o'clock P.
Post Office
COUNTY CLERK & RECORDERS
By [Signature]
Fee \$ 2.00 DEPUTY

File No. _____

T. 18 R. 5E

DUPLICATE

County Callatin

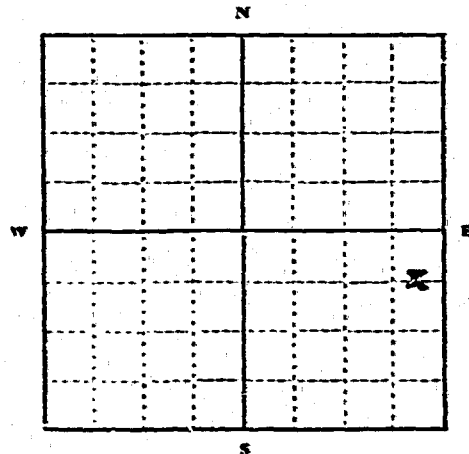
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Fred O. Karrer, of Route 1, Rosman,
(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:



SW 1/4 Sec. 20 T. 18 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 cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890; used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
lawn and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
approximately 1890
8. The depth of water table 30 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: 4 inch casing, 60 feet deep
10. The estimated amount of groundwater withdrawn each year 475,000 gallons
11. The log of formations encountered in the drilling of each well if available
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
No record

Signature of Owner F. O. Karrer

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 Quaduplicate for the Appropriator.

3569 2

1378

15-20
5:13
Earl Walton
Theresa F. Fidler
FLO 3

RECEIVED

13-SE

20

GW 3 Revised 1969
101-1500-10.69

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 3233

6-29-73

GW 1 9:35 A.M.

Owner Edwin A. Seifert, Jr.

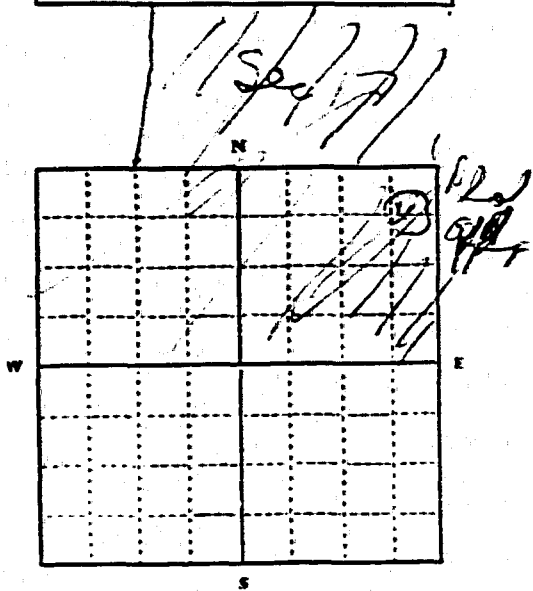
Address Route 1, Belgrade, Montana 59714

Contractor (if any) None

Address of Contractor _____

Date Started 1953 Date Completed 1958

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed spring by gravel pit created about 1953 and spring filled pond to present depth about 1958



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

3. Depth of water table About 10 feet

4. Use of the water Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 200 miner's inches

6. If used for irrigation, give number of acres and description of land Irrigation of about 200 acres located in NE 1/4 of Section 20, E 1/4 of SW 1/4 and SE 1/4 of Section 17, Township 1 North of Range 5 East, M.P.M.

7. Estimate amount of water used each year 300 acre feet

8. Months of year spring flows 11

NE 1/4 SE 1/4 Sec. 20

T. _____ N R. 5 E W

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

Signature of Owner _____

Date June 27, 1973

3283

State of Montana
County of Gallatin SS.
Filed June 27, 1973
at 9:35 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Olto Haugen
Deputy
Fee \$ 2⁰⁰ Ad.

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 George L. Balback
Lynn A. Balback

Address 213 E Cleveland

Bozeman, Montana

Date well started March 5 1973

completed March 17 1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable tool

(Cable drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

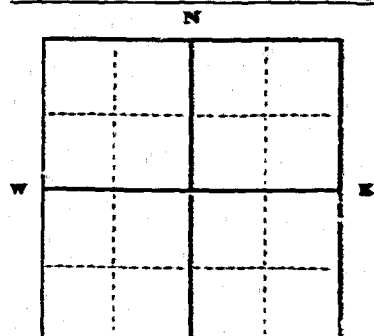
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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)
7"	6 5/8 OD 19lb	I above	9 1/2 ft	None		



1/4, Blk 6 of Baxter Creek Subdiv.
#1, a subdiv. in the

R. 2 SW 1/4 Sec. 21

T. 1 N R. 5 E S

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

Driller's Signature

Harold B. Hulbert

Driller's Address

Route one Bozeman, Montana

Hulbert Drilling

LICENSE NO. 47

RECEIVED

15-5E

County Gallatin

21

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)	
0	3	Soil & gravel
3	5	rock & gravel
5	14	gravel & rock & clay
14	20	gravel & clay
20	27	clay gravel & little water
27	50	clay & gravel
50	57	clay & gravel (little)
57	64	clay & gravel
64	81	clay sand & little water
81	85	clay & sand
85	90	clay sand some water
90	92	clay & sand
92	95	gravel & water

95

Show exact depth of bottom

52.730

3207

State of Montana } ss.
County of Gallatin }
Filed March 21, 19 73
at 2:30 o'clock P. M.
Carl L. Stucky
County Clerk & Recorder
By Paul M. Bridges
702 Deputy
Fee \$ 7.00 pd.

File No. _____

T. 1S R. 5E

DUPLICATE

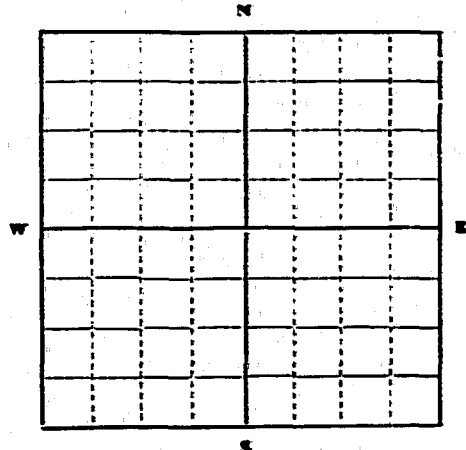
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Gallatin
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. B. Allen Bruner & Frances E. Bruner 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:



$\frac{1}{4}$ Sec. 21 T. 1S 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, Garden and Lawn (Approx. One Acre)
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 10, 1956. The use has been continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 Approx. One acre of garden and lawn. Tract One (1) of Mountain View Subdivision, Gallatin County, Montana
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 HP Submerged pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 10, 1956
8. The depth of water table 59 (Fifty-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 1/2 HP Submerged pump
10. The estimated amount of groundwater withdrawn each year 75,000 (Seventy-five thousand 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 Van Dyken Drilling Co. Bozeman, Mont.

Signature of Owner B. Allen BrunerDate December 23, 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.

2106

#986

State of Montana /
County of Gallatin } ss.

Filed December 23, 1963

at 10:05 o'clock A M.

EARL WALTON

COUNTY CLERK & RECORDER

By Leslie M. Maxwell

DEPUTY

Fee \$2.00 pd

File No. _____

T. _____ R. _____
Gallatin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
MAY 4 1964Notice of Completion of Groundwater
Appropriation by Means of Well(Under Chapter 237, Montana Session Laws, 1953)
Kenneth R. _____
Burness A. Colborn _____
Bozeman, Montana

Owner _____ Address _____

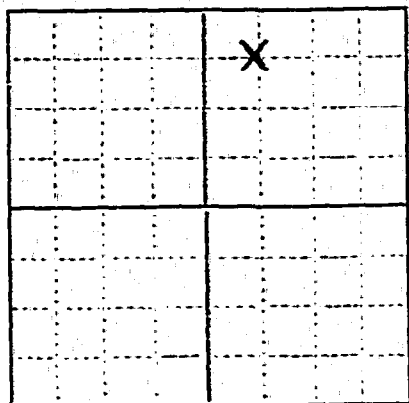
Driller Harold Hulbert Address R. I. Bozeman

Date of Notice of Appropriation of Groundwater _____

Date well started April 15, 1964Date Completed April 27, 1964Type of well Drilled
(dug, driven, bored or
drilled)Equipment Used Churn
(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)
7"	6" OD 15 lb	0	10	none		



NW 1/4 Sec. 21, T. 18 N. R. 5 E.

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

Tract 1, Mountain View Subdiv.
Show exact depth of bottom.Static Water Level for non-flowing Well 50' feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 55 feet at 21 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Drill Length of Test 2 hrsRemarks: (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) _____
None47
Driller's License NumberHarold B. Hulbert
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.

35639

1848

State of Montana } ss.
County of Gallatin }
Filed May 1 at
at 4:45 o'clock P. M.
Carl Hutton
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 207.00

Form No. 18
8-60

21

T. 1 South R. 5 East

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

STATE ENGINEER

		*
21		

Owner Victor L. & Evelyn A. Lofgren Address Route 1

Driller Van Dyken Drilling Co. Address 403 W. VILLARD
BOZEMAN, MONT.

Date Started March 1, 1956 Date Completed March 12, 1956

Location: Sec. 21 T. 15 R. 5E $\frac{1}{4}$ sec. NE 1/4

Tract No. 6 of Mountain View Sub. Division 5th
NW of Bozeman, MONT. U.S. HWY NO. 10

Type of well drilled (Dug, driven, or drilled) Equipment used Cable Tool NW 1/4
(Churn, drill, rotary, other)

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

Casing: 10 ft. to 79 ft. Type pump 17" P.E. Size _____

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

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

Perforated or screened: Ft. 79 to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations None

Static water level, for non-flowing well: 29 ft. feet.

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

Pumping water level 5.8 feet at 30 gal. per min.

How tested: Constant

Length of test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
None.

(over)

Log of Well

[illegible]

卷之五

File No. _____

T 18 R 52

DUPLICATE

County Callatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws 1961)

STATE ENGINEER

I, James E. and/or Ruth E. Lotan of 2.1 Bozeman
(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:

N
W E S

NW 1/4 NE Sec. 21 T.18 R.52

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 water supply.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov., 1961, and continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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
Law sprinkling and garden only on 0.46 acres.
James E. and/or Ruth E. Lotan, Route 1, Bozeman,
Montana.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
one 6" well, 75' deep with drawing water from 60'
located on lot 3, Mountain View Subdivision, 10'
from house, 1/2 h.p. jet pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. date commenced November 9, 1961; date completed 11/15/61.
8. The depth of water table about 45'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6" well, about 75' ft. deep.
10. The estimated amount of groundwater withdrawn each year. 750,000 gallons.
11. The log of formations encountered in the drilling of each well if available from 0 to 75', all sands and gravels (full depth).
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. for residence on Tract 3, Mountain View Subdivision; water for household use and lawn and garden sprinkling.

Signature of Owner

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.

487

State of Montana | ss.
County of Gallatin |

Filed Apr 12, 1962

at 1:00 o'clock P.M.

Carl Walton

COUNTY CLERK & RECORDER

By Ida J. Morrow

DEPUTY

Fee \$ 2.00 Pd.

File No. **RECEIVED**

DUPLICATE DEC 8 1969

T. 15 R. 5 E. 21

County GallatinSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

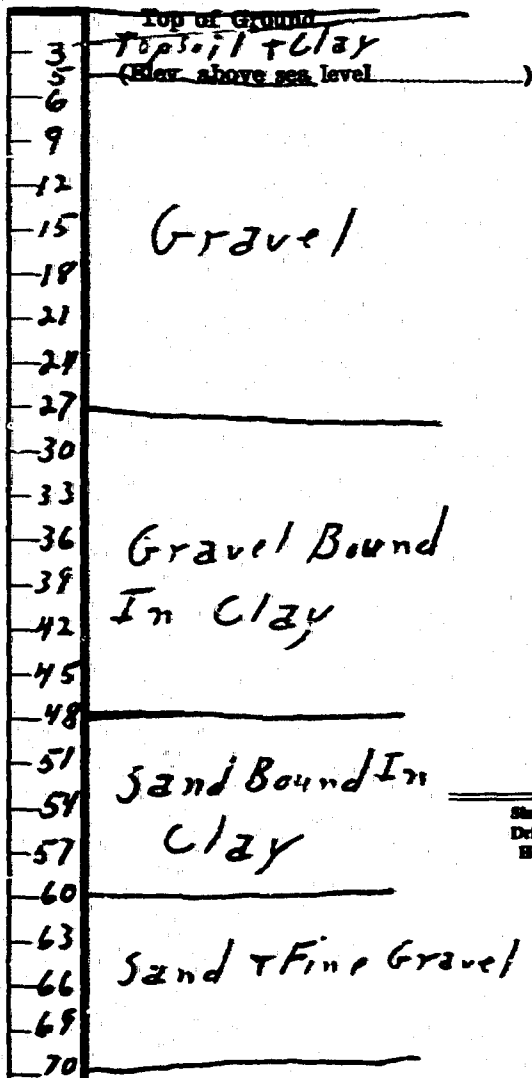
(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert Nash Address BozemanDriller M.E. Jones Address Bozeman

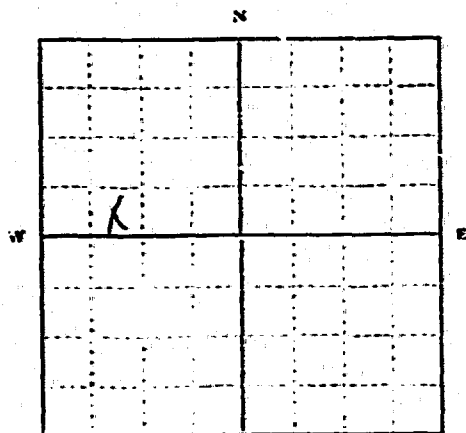
Date of Notice of Appropriation of Groundwater _____

Date well started Sept. 15, 1969 Date Completed Sept. 17, 1969Type 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		
				Well Size	From (Feet)	To (Feet)
6"	6 5/8" X 17'	1' Above Gravel	69'			



Show exact depth of bottom.

Static Water Level for non-flowing Well 7 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 70 feet at 50 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) _____

17
Driller's License NumberMilton E. 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.

45946

#2258

State of Montana } ss.
County of Gallatin }
Filed Dec. 4, 1969
at 4:05 o'clock P.M.
P. L. Stucky
County Clerk & Recorder
Paul A. Maynard
Deputy
Fee \$ 2.00

GW 3

STATE WATER CONSERVATION BOARD

JUL 20 1966

Approved Stock Form—State Publishing Co., Helena, Montana—C345

21

File No. _____

DUPLICATE

ETLs _____
 State _____
 Co. _____
 District _____
 STATE OF MONTANA

T. 1S R. 5E

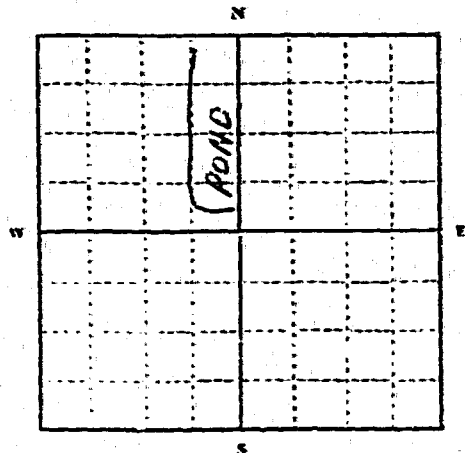
County Gallatin

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 July 1, 1965Owner Robert J. Nash Address Rt 1, Bozeman, MontanaContractor (if any) NoneAddress of Contractor ---Date Started July 1, 1965 Date Completed July 20, 1966

NW 1/4 Sec 21 T1S R5E

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed into a large pond from seepage and springs

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

3) Depth of water table 20 feet

4) Use of the water irrigation and domestic use

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 200 miner's inches (5 cubic feet per second)

6) If used for irrigation, give number of acres and description of land For irrigation of 120 acres in Northwest Quarter of Section 21, Township 1 South of Range 5 East

7) Estimate amount of water used each year 200 inches per 30 days

Signature of Owner R. J. NashDate July 20, 1966

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.

41242

#2019

State of Montana } ss.
County of Gallatin }
Filed July 20, 1966
at 12:15 o'clock P.M.
Carl L. Stucky
County Clerk & Recorder
By L. B. Chapell
Deputy
Fee \$ 2.00

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 Robert J. Paugh & Barbara A. Paugh
Address Route One
Bozeman, Mont. 59715

For Administrator's Use	
File	<u>357</u>
	<u>6-5-73</u>
GW 1	<u>3-30-73</u>

Date well started May 30 1973
completed June 15, 1973

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

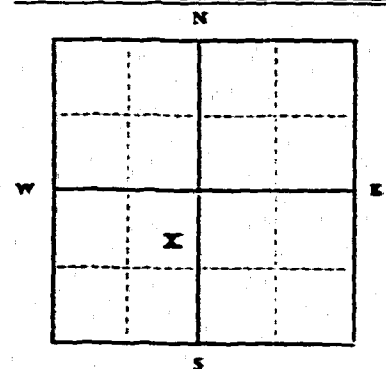
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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).
Lot 6 Block 3 Barton Creek Sub.
Gallatin County Montana

ESTIMATED ANNUAL WITHDRAWAL 500,000 to 1,000,000 Gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	19 lb 0 5/8 0...	3 above	95	None		



E 1/4 SW 1/4 Sec 21
T 1 R 5 S

Static water level 48' 6" ft.
Pumping water level 45' ft.
at 15 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by Pump & bailer
for 1 1/2 hours. Pump 3 Hrs bailer
Power 115 volt Pump 1/2 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 Harold B. Hubert
Driller's Address Route One Bozeman, Montana

LICENSE NO. 27

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)	
0	2	soil
2	7	gravel
7	10	gravel and clay
10	20	gravel
20	30	clay/sand & gravel
30	55	gravel & clay
55	65	clay hard pan
65	70	clay & gravel
70	75	clay & hard pan
75	94	clay & gravel
94	96	some clay, gravel water

96 Show exact depth of bottom

RECEIVED

15-5E

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 Robert J. Raugh & Barbara A. Raugh
Address Route One Bozeman, Mont. 59715
Date well started May 30 1973
completed June 15, 1973

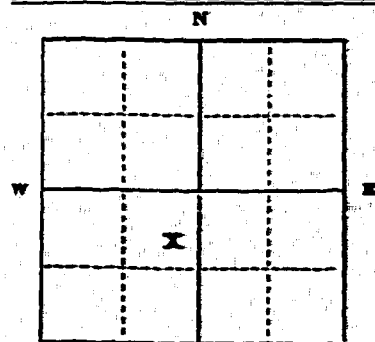
For Administrator's Use
File 3274
6-22-73
GW1 3:30 p.m.

Type of well Drilled
Equipment used Cable tool
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).
Lot 6 Block 3 Bozeman Creek Sub. Gallatin County Montana

ESTIMATED ANNUAL WITHDRAWAL 500,000 to 1,000,000 Gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7"	19 lb 6 5/8 O.D.	3 above	95	None



E $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21
T. 1 R. 5 S.

Static water level 48' 6" ft.*
Pumping water level 48' ft.*
at 15 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by Pump & bailer
for 1 1/2 hours. Pump 3 HP bailer
Power 115 volt 1/2 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 Harold B. Hulbert
Driller's Address Route One Bozeman, Montana

Hulbert Drilling LICENSE NO. 47

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)	
0	2	soil
2	7	gravel
7	10	gravel and clay
10	20	gravel
20	30	clay sand & gravel
30	55	gravel & clay
55	65	clay hard pan
65	70	clay & gravel
70	75	clay & hard pan
75	94	clay & gravel
94	96	some clay, gravel water

96 Show exact depth of bottom

55477

3274

State of Montana ss.
County of Gallatin
Filed June 27, 19 73
at 3:30 o'clock P.M.
Carl L. Stucky
County Clerk & Recorder
By Frank B. Bridge
Deputy
Fee \$ 2.00

RECEIVED

15-55
County Ballatin 21

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 M. R. Sandstrom and
Arthur A. Sandstrom

Address Route 1

Bozeman, Montana 59715

Date well started March 18 1973 GW 1 10:00 P.M.

completed April 2 1973

For Administrator's Use

File 3214

April 9, 1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable tool

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

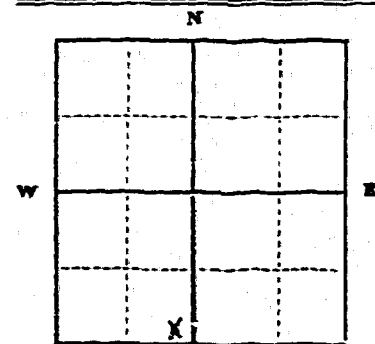
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
7"	6 5/8" OD 17 lb	2 above	102	N ne		



SE 1/4 SW 1/4 Sec 21
T. 1 S. R. 5 E.
S W

Static water level 60 ft.*
Pumping water level 61 ft.*
at 20 gallons per minute,
measured 30 minutes after pumping
began.

*Measured from ground level
Well developed by Bailer & pump
for 2 pump hours. 2 hrs bailer
Power 115 volt 1/2 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 Harold B. Hulbert

Driller's Address Route one Bozeman, Montana

Hert Drilling LICENSE NO. 47

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)	
05	3	Soil & rock
3	8	soil & gravel
8	14	clay & rock
14	21	clay rock & gravel
21	28	rock gravel & clay
28	35	sand & gravel
35	40	sand & clay
40	75	clay
75	80	clay small amount of water
80	90	fine sand, water bailed dry
90	95	clay sand & little water
95	99	sand & clay
99	103	gravel, lots of water

103 feet Show exact depth of bottom

57,914

3214

State of Montana ss.
County of Gallatin

Filed April 9 1973
at 10:30 o'clock PM.
Earl E. Stucky

County Clerk & Recorder
By Anna M. Whitman
Deputy

200 p0