

1827

Gallatin County, } ss.
State of Montana }

Filed Jan 21 19 64

at 9.05 o'clock 9 M.

Paul W. King
COUNTY CLERK & RECORDER

By [Signature] DEPUTY

Fee \$ 20.00

File No. _____

T 15 R 5 E

DUPLICATE

County Golden

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

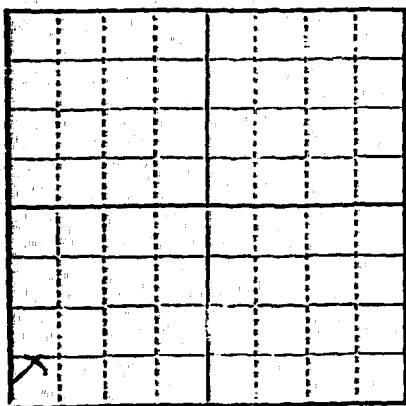
RECEIVED
JUN 2 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Charles Sanders of Belgrade
(Name of Appropriator) (Address) (Town)
County of Bellevue State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 30 T 1 R 5

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 & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1935
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric motor & pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1st to June 15th 1935
8. The depth of water table 2 ft to 6 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4 in casing
well 36 ft deep
10. The estimated amount of groundwater withdrawn each year 4,000 gallons per day
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

Signature of Owner

Charles Sanders

Date

6/2/1962

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

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

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

#483

State of Montana)
County of Gallatin) ss.

Filed April 2, 1962

at 2:27 o'clock P.

KARL WALTON

Ida J. Morrow

2.00 Pd.

T / C R 5 E

County Garza

RECEIVED

STATE ENGINEER

STATE ENGINEER

A large grid for handwriting practice, divided into four quadrants by a vertical and a horizontal line. The top-left quadrant is labeled 'N' and the bottom-left quadrant is labeled 'S'. Each quadrant contains a 4x4 grid of dashed lines for tracing. The bottom-left quadrant also includes a small 'X' in the first row, first column.

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

- Date 7-7-1962

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

195

482

State of Montana } ss.
County of Gallatin }
Filed April 2, 1962
at 2:25 o'clock P.
EARL WALTON

COUNTY CLERK & RECORDER
By Isla J. Morrow
Fee \$ 2.00 Pd. DEPUTY

Form No. 18
8-60

31
T. 15 R. 5 E
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 7 1961

Water Well Log

STATE ENGINEER

Owner Harold Hulbert Address Butte
Driller Harold Hulbert Address _____
Date Started March 19-1955 Date Completed March 19-55
Location: Sec. 31 T. 15 R. 5 E $\frac{1}{4}$ sec. NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ R. 5 E

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

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

Casing: 6 ft. to 15 ft. Type _____ Size _____

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

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

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

Type of screen or perforations _____

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

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

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

How tested: Static

Length of test _____

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

(over)

Log of Well

[illegible]

22

File No. _____

T. 18 R. 5E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

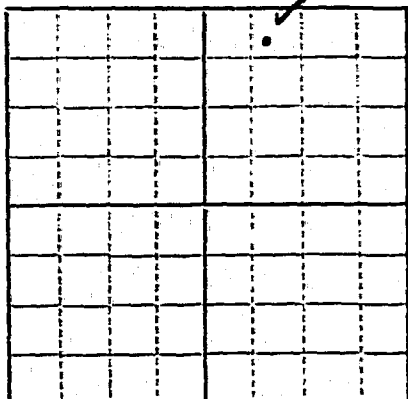
RECEIVED
DEC 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Lawrence S. Moore and Daphne Moore of Route 1 Bosman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. & E. of RW

1/4 Sec. 31 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 House Water, Stock Water, Irrigate Lawn & Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1960. In constant use & or since completed
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
Approx 1 acre of lawn & garden
Lawrence S. Moore
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1 Hp. Electric Motor on a jet pump
mounted over the well casing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. March 5, 1960 completed April 1, 1960
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 4" steel to 27' depth tested with
bailer for 20 Gallons per minute for 1 hour.
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. XXXXXXXXXX
0' to 6' Soil & Clay
6' to 25' Sand, Rock & Gravel 25' to 26' Caly
26' to 27' 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

Date December 16, 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.

923

State of Montana }
County of Gallatin }

SS.

Filed _____ 1963

at 2³⁰ o'clock M.

Carl Walen

COUNTY CLERK & RECORDER

Edna J. Morrow

DEPUTY

For _____

File No. _____

T. 18 R. 5 ~~SE~~

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

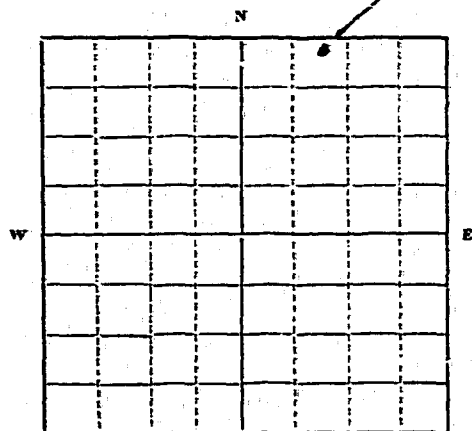
RECEIVED
DEC 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Lawrence S. Moore ^{and Debra L. Moore} ~~and Debra L. Moore~~ ^{of} Route 1 Bosman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31 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 Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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
To be used for irrigation of Garden and Lawn and for the owner Lawrence S. Moore

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1, 1960 to April 20, 1960

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 Casing 6" Steel to 36' depth. Tested with bailer for 20 gals. per minute for 2 hours

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

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

0' to 5' Top soil and Clay

5' to 25' Gravel & Rock

25' to 36' Gravel & 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 Owner

Lawrence S. Moore

Date December 16, 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.

10203

925

State of Montana } ss
County of Gallatin }
Filed Dec 19, 1963
at 2 37 o'clock P. M.
By Earl Holton
COUNTY CLERK & RECORDER
By John T. Morrow
DEPUTY
s. 2⁰⁰ Pd

County Ballston

RECEIVED
DEC 19 1963

STATE ENGINEER

10286

906

State of Montana } ss.
County of Gallatin }
Filed Dec 18 1963
at 2:17 o'clock P. M.
Paul Walton
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.00

32

File No. _____

T 1 S. R 5 E.

DUPLICATE

County Gallatin

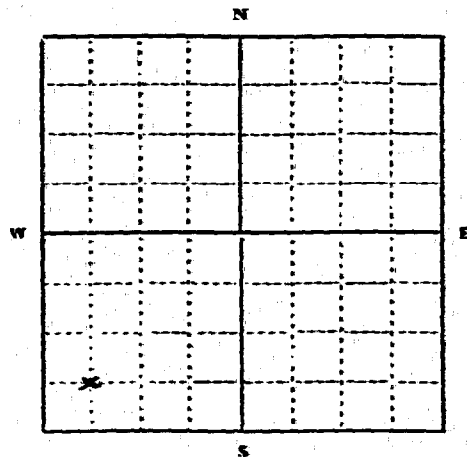
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Ella V. Westlake, of RR#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:

SW $\frac{1}{4}$ Sec. 32 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 domestic and livestock water and irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1917 and continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 miner's 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 4 acres, garden and pasture.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump in SW $\frac{1}{4}$ of Section 32, Twp. 1 S., Rge. 5 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1916
8. The depth of water table unknown.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, 6" casing, 60 feet deep.
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 unknown.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Ella V. WestlakeDate 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.

33371

1232

State of Montana (ss.
County of Gallatin)

Filed 12-30 1963

at 10:28 o'clock A.M.

Carl Wilson

COUNTY CLERK & RECORDER

By Theresa C. Allen

DEPUTY

Fee 1.00

File No. _____

T 15 R 5E 34

DUPLICATE

STATE WATER CONSERVATION BOARD

County Gallatin

LOG

NOV 21 1966

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

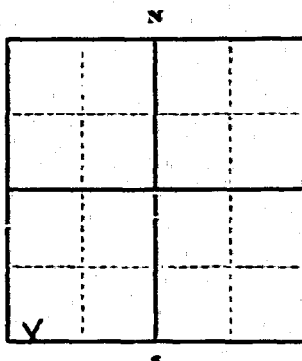
Owner Andrew Dankhof Address Bozeman, Mont.Driller Potts Drilling Address Bozeman, Mont.

Date of Notice of appropriation of groundwater _____

Date well started July 14-66 Date completed July 20-66Type 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)
6"	6" ID	0	39			
	18.97					

24-28
Black Sand28-34
Yellow Sands34-37
Black Sands37-39
Gravel

SW $\frac{1}{4}$ Sec 34 T 15 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 _____ 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 BacksLength of Test 1 hr

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

Driller's Signature

71,615

- 2057

State of Montana } ss
County of Gallatin }
Filed November 17 1965
at 1:50 o'clock P. M.
Carl L. Stucky
County Clerk & Recorder
By [Signature]
Fee \$ 2.00 Deputy

Form No. 18
8-60

34
T. CNE - SOUTH R. E. EAST
County BEAVER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 1962

Water well Log

STATE ENGINEER

Owner BERNARD DRAHCE Address BEAVER, MONTANA
Driller W. H. LYKEN DRILLERS Address BEAVER, MONTANA
Date Started JULY 1953 Date Completed AUG 1953
Location: Sec. 3-4 T. CNE - SOUTH R. E. EAST S. 1 sec. 34-4

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

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

Casing: TOP ft. to 200 ft. Type STEEL Size _____

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

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

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

Type of screen or perforations 2 1/2 IN.

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

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

Pumping water level 12 ft feet at 33 gal. per min.

How tested: TEST PUMP U.S.G.T.

Length of test ONE YEAR

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

(over)

798

Garfield County, N. M.
State of New Mexico.

Filed Dec 28, 1961

at 1:32 o'clock P. M.

Carl Hutton

COUNTY CLERK & RECORDER

By Ida J. Morrow

DEPUTY

Fee \$ 2.00 pk

Form No. 18
8-60

T. ONE SOUTH R. 5 EAST

County GALLATIN

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 1902

Water Well Log

STATE ENGINEER

Owner BERNARD E. HANCOCK Address Rd 1, BELEMAN, MONTANA

Driller W. K. K. W. K. Address

Date Started 1895 Date Completed 1895

Location: Sec. 34 T. ONE R. 5 EAST ^{2nd} 1/2 sec. SW 1/4

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

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

Casing: Top ft. to 22 ft. Type Size 2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

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

How tested: Hand pump

Length of test

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

(over)

197

Galatin County, ¹ ss.
State of Montana, ¹ ss.

Filed Dec 28, 1961

at 1:30 o'clock P. M.

Carl Walton

COUNTY CLERK & RECORDER

by Ida J. Morrow

DEPUTY

200 pk

File No. _____

DUPLICATE

T. 15 R. 5 E

County Fullerton

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 16-1963

Owner Myron & Anna Westlake Address 305 W. Peach St.
Bozeman, Montana

Contractor (if any) None

Address of Contractor _____

Date Started _____ Date Completed _____

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

supply the water for irrigation

Average depth 1 1/2 feet. Flows

entire year supplies stock water,

75 to 200 inches available

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 2 mos. for irrigation

runs year around

Signature of Owner Myron & Anna Westlake

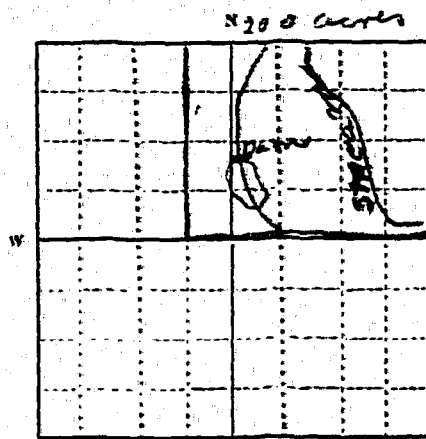
Date Dec 16-1963

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.



E 1/4 E 1/4 NW 1/4 NE 1/4 Sec. 24 T. 15 R. 5 E

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

used for entire
200 acres.

#899

State of Montana }
County of Gallatin } ss.

Filed December 18, 1963
at 11:35 o'clock A. M.

EARL WALTON

COUNTY CLERK & RECORDER

By Paul A. Mape
DEPUTY

Fee \$ 2.00 pd

File No.

DUPLICATE

T 15 R 5 E
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

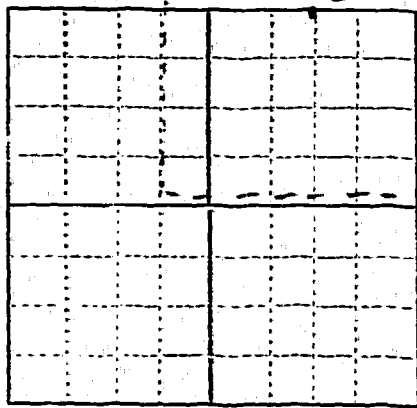
(Under Chapter 237, Montana Session Laws, 1961)

DATE 12/20/1963

MYRON M. Westlake & Anna, of BOZEMAN, 305 W. Peach St.
(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:

T-15-R5 N WELL



NE 1/4
E 1/2 Sec 34 T 15 R 5 E

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

NE 1/4 E 1/2 Sec 34 T 15 R 5 E

2. The beneficial use on which the claim is based Water is used for household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880 Continuous use since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 28 gallons of water per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump in the well

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

8. The depth of water table 3 foot.

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 15 ft deep. 12 inch casing.

10. The estimated amount of groundwater withdrawn each year 48,600 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 None

Signature of Owner

Myron & Anna Westlake

Date

12/19/63

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.

#914

State of Montana }
County of Gallatin } ss.

Filed December 19, 1963
at 10:40 o'clock A. M.

EARL WALTON

COUNTY CLERK & RECORDER

By Lucille A. Wapwell

DEPUTY

Fee \$ 2.00 pd

File No. _____

T 15 R 5E

DUPLICATE

County Gallatin

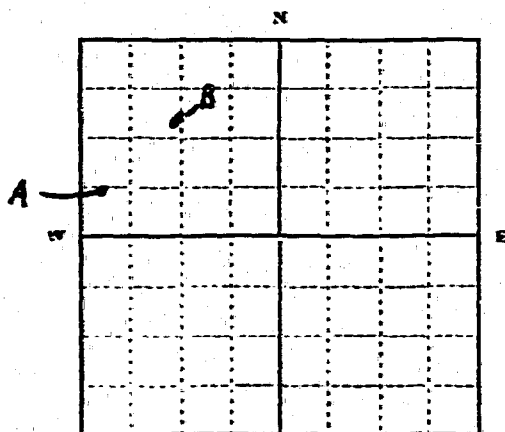
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lyle H. Davis, of Bozeman Bt. 1
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 of Sec 35 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 A - Farmstead
B - irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been A - 1890 - Continuous
B - 1950 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) A - 50 gal per minute
B - 100 miner's 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
all 160 acres of 1/4 Sec 35, T 15, R 5E
owner Lyle H. Davis

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. A - 1890
B - 1950

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 A - 55' well with 6" casing
B - 35' pump unlined

10. The estimated amount of groundwater withdrawn each year 1.0 million gallons

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

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

Signature of Owner Lyle H. DavisDate 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.

35873

1559

State of Washington ss.
County of Snohomish

Filed Dec-31

at 1141 91

Eeri Waller

By VAB

Ecc \$ 200

DRILLER'S LOG

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.

Arthur R. Harvey

Owner ART HARVEY

Address BOZEMAN, MONTANA

Route 1, Box 25

Date well started 9/3/72

completed 9/7/72

For Administrator's Use

File 3220

April 18, 1973

GW 1 10:30 A.M.

Type of well _____ **Drilled**

(Dug, driven, bored or drilled)

Equipment used _____ cable tools.

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial: ☐ Drainage ☐ Other ☒* Garden/Lawn ☐

***Describe**

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17 $\frac{1}{2}$	0	83' 6"	1X3"	45 65	48 51

Static water level _____ 5 _____ ft.
Pumping water level _____ 35 _____ ft.
at _____ 20 _____ gallons per minute,
measured _____ 60 _____ minutes after pumping
began.
*Measured from ground level.
Well developed by _____ Surging _____
for _____ 2 _____ hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Drill cuttings shut off
outside of casing.

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

VAN DYKE DRILLING CO.

Driller's Signature

Driller's Address 132-7
BOZEMAN, MONTANA

LICENSE NO

Top of Ground

(Elev. above sea level)

[illegible]

34 Show exact depth of bottom

52,964

3720

State of Montana
County of Gallatin
Filed April 18, 1973
at 10:30 o'clock A.M.
Carl L. Stuebe
County Clerk & Recorder
By Frederick A. Bridges
Deputy
Fee \$ 2.00

THE BUREAU

County San Diego

35

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 Sale Jerome

Address **Rt. 1 Box 5**

Discussion

Date well started Oct. 21, 1971

completed 5-14-62

Type of well _____

(Dug, driven, bored or drilled)

Equipment used _____

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

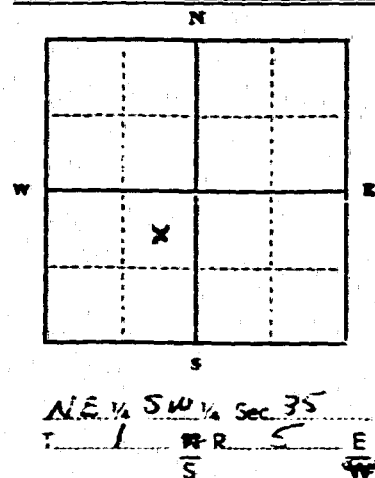
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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 Str	From (Feet)	To (Feet)
7"	7" 20 x 24	1' above TOWNE	450'			



Static water level 12 ft.*
Pumping water level 15 ft.*
at 3 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.
Well developed by _____
for _____ 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 William E. Jones

Driller's Address _____

LICENSE NO. 2

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]

4. Show exact depth of bottom.

— 245 —

15-5E
County Callatin

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.

55498

3350

State of Montana ss.
County of Gallatin
Filed June 29, 1973
at 1:35 o'clock P. M.
Carl L. Stucky
County Clerk & Recorder
By William G. Hall
Deputy
Fee \$ 2.00 R-

File No.

T. 15 S. R. 25 E. SE

ORIGINAL DUPLICATE

County...Gallatin.....

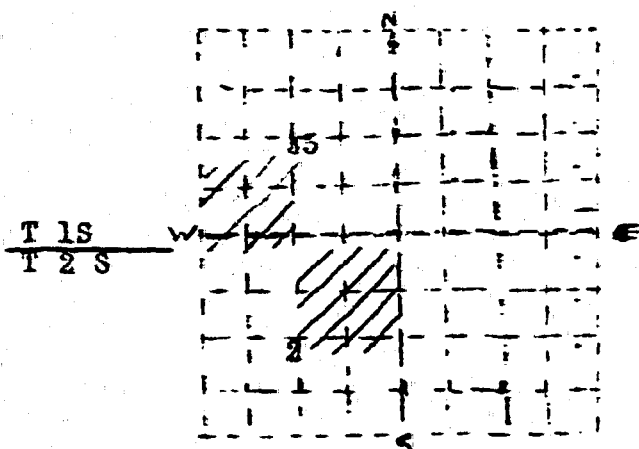
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. FRANK KOEHLER, JR., of
(Name of Appropriator) (Address) (County)

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



.....1/4.....Sec. 35 T. 15 S. R. 25 E.

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

2. The beneficial use on which the claim is based...Irrigation; stockwater and domestic.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been...Used continuously since 1880.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute)...entire ranch subirrigated...Also, 100 inches from natural watercourse through lands.
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...Shown on shaded area.....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...Subirrigated...Also, natural stream watercourse...channel from underground source.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...Time immemorial - farmed since about 1880.....
8. The depth of water table...Varies from 3 ft. to surface seasonally.....
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.....subirrigated and also irrigated by ditch system...Also, a vertical rock well, 6 ft. diameter to depth of 30 feet with submersible pump and motor...Also, hand pump on house well.....
10. The estimated amount of groundwater withdrawn each year...80,000,000 gallons.....
11. The log of formations encountered in the drilling of each well if available...Not known.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner Frank Koehler, Jr.

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

35890

1576

State of Montana)
County of Gallatin) ss.
Filed Dec. 31, 1963
at 11.58 o'clock A. M.
Wendell Patton
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 200

RECEIVED

15-5E
Gallatin
County 35

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JAN 6 1972

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

William R. & Dianne PETERSON

Owner ~~William R. & Dianne Peterson~~

Address 717 No. Montana

Bozeman, Montana

Date well started 10-12-71

completed 10-14-71

For Administrator's Use	
File #	3029
Date	Dec 30, 1971 3:30 PM
GW I	

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

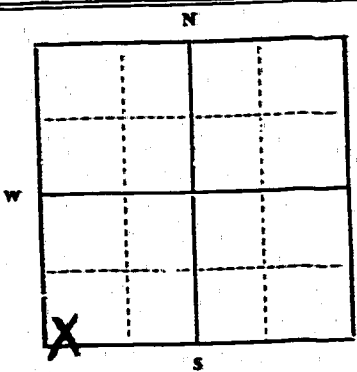
Industrial ☐ Drainage ☐ Other: ☐* Garden/Lawn ☐

*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" 17# 250 Well	+1	40 ft.			



Static water level 8 ft.
Pumping water level 13 ft.
at 30 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by pump
for hours.

Power Pump HP

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

SW 1/4 Sec. 35

T 1S N R 5E W

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

Bozeman, Montana LICENSE NO. 150

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	3	Topsoils
3	12	Overburden
12	22	Static Water Level
22	30	Dirty Coarse Sand & Gravel
30	38	Clay, Sand and Gravel
38	41	Dirty Sand and Gravel
		Sand and Gravels

41 Show exact depth of bottom

49679

#3029

State of Montana } ss.
County of Gallatin }
Filed Dec. 30, 1971
at 3:30 o'clock P.M.
Carl L. Stucky
County Clerk & Recorder
By James H. Bridges
Deputy
Fee \$ 7.00 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 Diane E Rogers
Ben W Rogers
Address RT 1 Box 40
Bozeman
Date well started Sept 29, 1970
completed Oct. 1, 1970

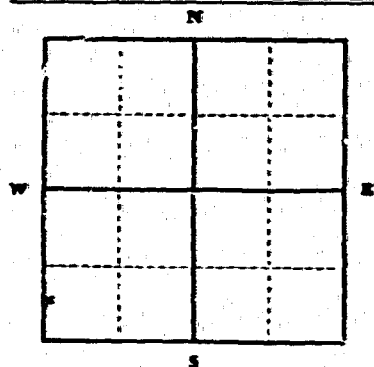
For Administrator's Use	
File	<u>2341</u>
	<u>January 5, 1971</u>
	<u>1:00 P.M.</u>
GW 1	

Type of well Drilled
(Dig, driven, bored or drilled)
Equipment used Churn Drill
(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)
<u>6 in.</u>	<u>6 1/2" OD</u> <u>17 ft</u>	<u>1 inch</u> <u>Ground</u>	<u>53</u>	-	-	-



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

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

Driller's Signature Donald C. Jones
Driller's Address 216 7 Bridge Dr
Bozeman, Montana LICENSE NO. 17

County Hall
DRILLER'S LOG 35

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)	
<u>0</u>	<u>2</u>	<u>Top Soil</u>
<u>2</u>	<u>5</u>	<u>Clay</u>
<u>5</u>	<u>19</u>	<u>Gravel</u>
	<u>6</u>	<u>Static water level</u>
<u>19</u>	<u>31</u>	<u>Gravel bound in Clay</u>
<u>31</u>	<u>34</u>	<u>Sand & Gravel with Clay</u>
<u>34</u>	<u>48 1/2</u>	<u>Gravel bound in Clay</u>
<u>48 1/2</u>	<u>52</u>	<u>Sand & Fine Gravel with Clay</u>
<u>52</u>	<u>53</u>	<u>Sand & Fine Gravel</u>
	<u>53</u>	<u>Bottom of well</u>

Show exact depth of bottom

47977

2341

State of Montana } ss.
County of Gallatin }
Filed Jan 7, 1971
at 1:00 o'clock P.M.
Carl L. Stucky
By Alta M. Hargens
Fee 20.00

File No. _____

T 1 S R 5 E

DUPLICATE

County Gallatin

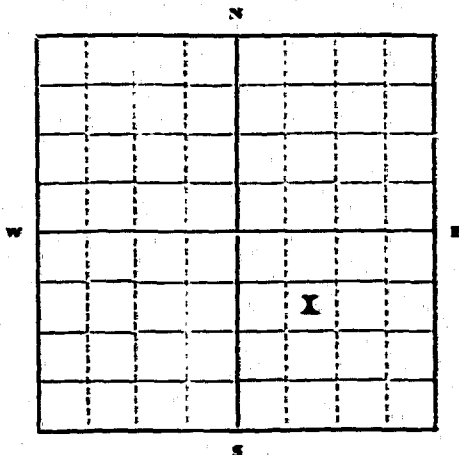
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963
STATE ENGINEER

I, Holte & Wood, Inc., of 25 North Willson Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 35 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 Domestic - Yard and garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 Daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 45 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well with 4 inch casing and electric pump
For location see diagram
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1912
8. The depth of water table Thir teen feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater The well is drilled to a depth of 65 feet and has a 4 inch casing. Distance from the water table to well bottom is 52 feet.
10. The estimated amount of groundwater withdrawn each year 978,200 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 Unknown

Holte & Wood, Inc.
Signature of Owner [Signature]

Date December 20, 1963

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

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

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

11432

#957

State of Montana }
County of Gallatin } ss.
Filed December 20, 1963
at 3:20 o'clock P. M.
KARL WALTON
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.00 pd

51,027

RECEIVED

15-5E
County Graville

DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUL 27 1972

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

(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 James B. Seacor, et ux

Address Route 1, Box 3A

Bosman, Mont. 59715

Date well started June 7, 1972

completed June 9, 1972

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

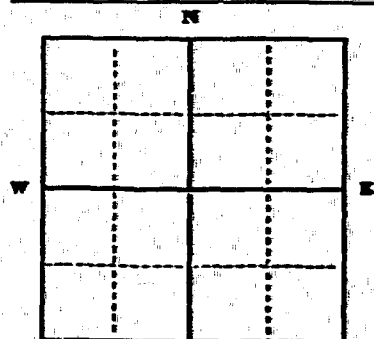
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 in.	6" x 40 17 ft	12 in.	46'	—	—	—



Static water level 5 ft.*
Pumping water level 46 ft.*
at 25 gallons per minute,
measured 10 minutes after pumping
began.

*Measured from ground level.

Well developed by Drill
for 1 hours.

Power Pump HP

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

Lot 6, Dexter Lane Subdiv.

1/4 1/4 Sec. 35

T. 18 N. R 5E 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. 17

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	9	Top Soil + Clay
	5	5 ft. water level
8	35	Sand, Gravel + Clay
25	46	Sand + Fine Gravel

Show exact depth of bottom

51,027

#3101

State of Montana
County of Gallatin

Filed July 24, 19 72
at 9:30 o'clock AM
Carl L. Stucky

County Clerk & Recorder

By Lucille B. Bridges
Deputy

Fee \$ 7.00 pd.

File No. RECEIVEDT 15 R 35
County Callatin

QUADRUPLICATE

LOG

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Thomas W. & Colleen R. SECOR

Owner Tom Secor Address Box 317Driller Donald C. Jones Address 2107 Bridger Dr. Bozeman, Montana

Date of Notice of appropriation of groundwater _____

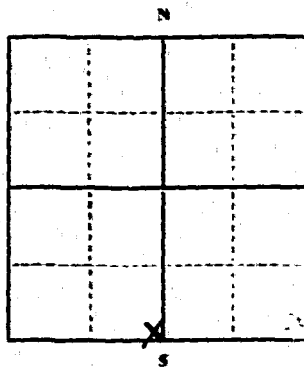
Date well started April 22, 1970 Date completed April 26, 1970Type of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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.

Top of Ground
Top Soil
(Elev. above sea level)
Static water level
Clay
Gravel & Clay
Sand & Gravel with Clay
Sand & Gravel
Gravel bound in Clay
Sand & Gravel with Clay
Sand & Fine Gravel
Gravel bound in Clay
Sand & Gravel
Bottom of 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.	1 1/2' above Ground	47'	—	—	—
	17#					

Doc. No. #3095
Filed for record
this 19th day of July
A. D. 19 72, at 11:15
o'clock PM.



1/4 Sec. 35 T. 15 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 4 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 47 feet
at 36 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PumpLength of Test 1 hr.

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.

17
Driller's License Number

Donald C. Jones
Driller's Signature

50,925

3095

State of Montana : ss.
County of Gallatin
Filed July 19, 1972
at 11:15 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Donald A. Bridge
Deputy
Fee \$ 20.00

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 Steve R. Galiser

Address Route 73, Box 63

Bozeman, Montana

Date well started 5-1-73

completed 5-2-73

For Administrator's Use

File 3239

11-24-15, 1973

GW I 16 cc G. m.

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used cable tool

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

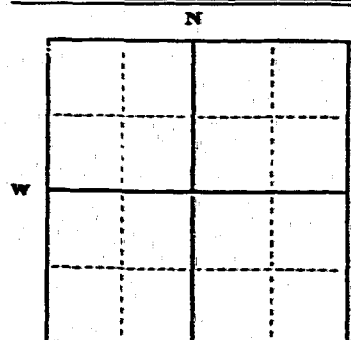
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17'	41	39'			



Lot 7, Baxter Lane Sub.

$\frac{1}{4}$ $\frac{1}{4}$ Sec. 35
T. 19 N R. 5E 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

Route 73, Bozeman, Montana

LICENSE NO.

150

S-E
Gallatin
County

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	12	soil
12	15	clay
15	25	gravel
25	30	gravel
30	35	red gravel sandy
35	38	gravel
38	40	red clay

5 ft. Show exact depth of bottom

3229

State of Montana) ss.
County of Gallatin

Filed May 15 1973
at 10:00 o'clock A.M.

Carl L. Sturbo
County Clerk & Recorder
By Frederick A. Bridges
Deputy
Fee \$ 2.00

File No. _____

T 13 R 5E

DUPLICATE

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)16 Topsoil and
20 Clay
24
28
30
32
36

Sand

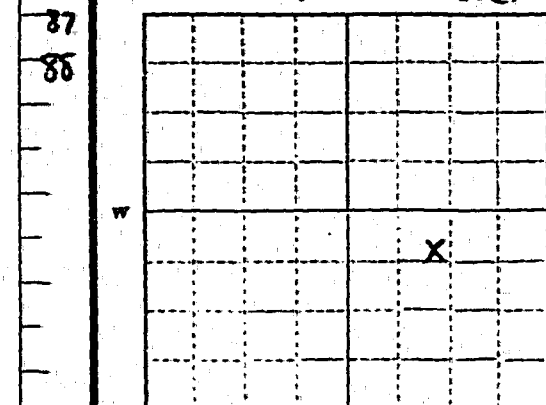
40
44 Sandy
48 Clay
52
5660
64
68 Sand72
75
76 Fine Gravel + Sand

77 Sandy Clay

80
81 Fine Gravel + Sand

84 Sandy Clay

85 Sand + Fine Gravel

NV 1/4 Sec. 36 T. 13 R. 5
Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.

Show exact depth of bottom.

Owner Alex Bucsis Address 717 East OrangeDriller M.E. Jones Address Bozeman, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started JAN. 12, 1962 Date Completed JAN. 23, 1962Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☒ Drainage ☐ Stock ☐Indicate on the diagram the character and thickness of the different
strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.
Show depth at which water is encountered, thickness and character of water-
bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5/8 O.D.	6 5/8	0	87	NONE		
	15 #					

Static Water Level for non-flowing Well 36 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 87 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump Length of Test 2 HoursRemarks: (Gravel packing, cementing, packers, type of shutoff, loca-
tion of place of use of groundwater if not at well, and any
other similar pertinent information, including number of

acres irrigated, if used for irrigation) _____

Pitless Adapter Used to
Bring Water Approx. 5 feet to
inside buildingDriller's License Number 17Driller's Signature M.E. JonesThis 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.

6459

742

State of Montana } ss.
County of Gallatin }
Filed Oct 17, 1963
at 9 30 o'clock P. M.
Carl Walton
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 22.00

Form No. 18
8-60

36

T. 15 R. 5E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

STATE ENGINEER

WATER WELL LOG

Owner Shook's Auto-Reckin Address Bozeman
Driller Van Dyken Drilling Address Bozeman
Date Started March 10, 1961 Date Completed March 20, 1961
Location: Sec. 36 T. 15 R. 5E $\frac{1}{4}$ sec. S. E.

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

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

Casing: 0 ft. to 112' 3" ft. Type fine steel Size 3/8" I.D. 17#

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

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

Perforated or Screened: Ft. 63 to ft. 75. Ft. _____ to ft. _____

Type of screen or perforations 3/8" slots 17" long

Static Water level, for non-flowing well: 0 feet.

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

Pumping water level 70 feet at 30 gal. per min.

How tested: Surber

Length of test 1 hour

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

(over)

Form No. 18
8-60

36

T. 15 R. 5E

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 1 1962

STATE ENGINEER

WATER WELL LOG

Owner Chuck's Auto Wrecking Address Bozeman

Driller Van Dyken Drilling Address Bozeman

Date Started March 10, 1961 Date Completed March 20, 1961

Location: Sec. 36 T. 1 S R. 5 E $\frac{1}{4}$ sec. S. E.

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

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

Casing: 0 ft. to 112' 3" ft. Type Prime steel Size 6 5/8" O.D. 17# P.E.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 63 to ft. 95 . Ft. to ft.

Type of screen or perforations 3/8" slots 10" long

Static Water level, for non-flowing well: 40 feet.

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

Pumping water level 70 feet at 30 gal. per min.

How tested: Bailer

Length of test 1 hour

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

(over)

Log of Well

[illegible]

#305

#441

Galatin County, ¹ ss.
State of Montana.
Filed Dec 29, 1961
at 4:34 o'clock P.M.
Carl H. Halsey
COUNTY CLERK & RECORDER
By A. H. Halsey DEPUTY
Fee \$ 2.00

Form No. 18
8-60

I. 18 R. 5E
County Flathead

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

		X
36		

Water well log

Owner Mrs Wayne Edsall
Kelen Mauley - Dave Mauley Address Bozeman, MT
Driller Bert H. Van Dyken Address Bozeman
Date Started 1955 Date Completed 1955
Location: Sec. 36 T. 18 R. 5E $\frac{1}{4}$ sec. SE $\frac{1}{4}$ NE $\frac{1}{4}$

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

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

Casing: _____ ft. to 60 ft. Type galvanized Size 4 in.

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

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

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

Type of screen or perforations _____

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

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

Pumping water level 8 feet at 800 gal. per min. hour

How tested: pumping

Length of test indefinitely

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

(over)

Form No. 18
8-60

I. 18 R. 5E ³⁶
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

			X
	36		

Owner Mr. Wayne Edsall
Felen Mauley - Dave Mauley Address Bozeman
Driller Guy Saunders Address Bozeman
Date Started 1936 Date Completed _____
Location: Sec. 36 T. 1S R. 5E $\frac{1}{4}$ sec. NE $\frac{1}{4}$ NE $\frac{1}{4}$

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

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

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

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

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

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

Type of screen or perforations _____

Static water level, for non-flowing well: 13' feet.

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

Pumping water level 12-13 feet at 800 gal. per min. hour

How tested: pumping

Length of test indefinitely

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

Cementing & rock work

(over)

#440

Gallatin County, }
State of Montana } ss.

Filed Dec 29 1961

at 4:33 o'clock P. M.

Earl J. Hill
COUNTY CLERK & RECORDER

By Ed. Maguire
DEPUTY

29th

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 O. B. J. Jones
Address 2000 N. 7th St
Bozeman, Mont
Date well started Apr. 15, 1971
completed Apr. 14, 1971

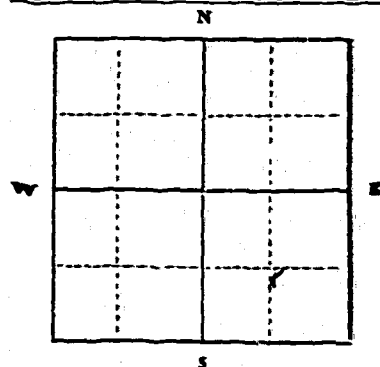
For Administrator's Use	
File #	<u>2999</u>
Date	<u>Sept. 1, 1971</u>
Time	<u>1:00 PM</u>
GW #	

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 ☐ 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)
<u>6 in.</u>	<u>6 5/8" CD</u> <u>17"</u>	<u>17"</u>	<u>117"</u>			



SE 1/4 1/4 Sec 36
T. 1 N. R. 5 E. S. 36

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

Driller's Signature Donald C. Jones

Driller's Address 2173 S. 1st St.

Bozeman, Montana LICENSE NO. 17

16-SE
County Gravette
DRILLER'S LOG 36

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	28	Clay
28	44	Sand & Gravel bound in Clay
44	45	Static water level
45	67	Sand & Fine Gravel
67	77	Gravel bound in Clay
77	85	Sand & Gravel with Clay
85	87	Clay
87	101	Sand & Fine Gravel
101	102	Sand & Gravel with Clay
102	117	Sand & Fine Gravel
117	117 1/2	Clay
117 1/2		Sand & Gravel

117 1/2 ft. Show exact depth of bottom

507-4002

48996

581-1111

48996

2999

State of Montana
County of Gallatin ss.

Filed Sept 1 1971
at 1:00 o'clock P.M.

Carl L. Stuebe
County Clerk & Recorder
By Alta M. Hansen
Deputy
Fee \$2.00 Ad

RECEIVED

NOV 3 1971

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 O. B. J. Homer

Address 2000 N. 7th

Bozeman, Mont.

Date well started Apr. 15, 1971

completed Apr. 14, 1971

For Administrator's Use

File # 2999
Apr. 1, 1971
1:00 PM

GW 1

Type of well Drilled

(Dug driven, bored or drilled)

Equipment used Whitcomb Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

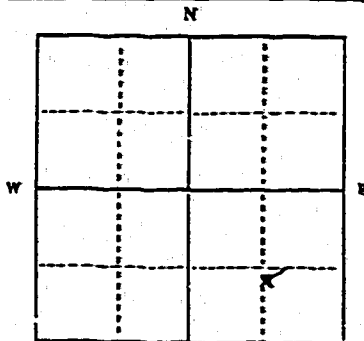
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 in.	6.5" OD 1 1/2"	2 1/2' above Ground	117'	-	-	-



SE 1/4 1/4 Sec. 36
T. 1 N. R. 5 E. S. 1/4

Static water level 38 1/2 ft.*
Pumping water level 117 ft.*
at 2.5 gallons per minute,
measured 2.5 minutes after pumping began.

*Measured from ground level.
Well developed by 1.5 hours.

Power 1 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 Donald C. Jones

Driller's Address 2107 Boulder St.

Bozeman, Montana

LICENSE NO. 17

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	35	Clay
35	41	Sandy Gravel bound in clay
41	45	Static water level
45	67	Sandy fine Gravel
67	77	Gravel bound in clay
77	85	Sand + Gravel with clay
85	87	Clay
87	101	Sandy fine Gravel
101	102	Sandy fine Gravel
102	117	Clay
117	117 1/2	Sand + Gravel

117 1/2 ft. Show exact depth of bottom

587-4002

48996

File No. _____

T 1S R 5E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

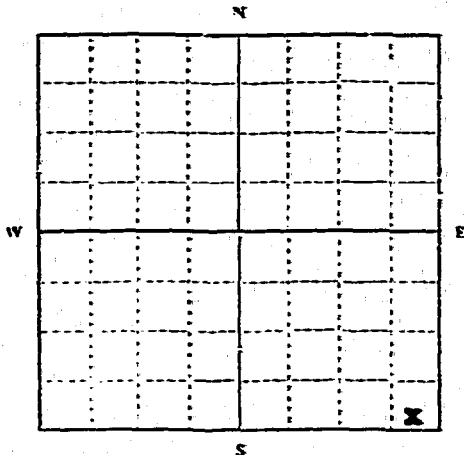
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold R. Kiese & Joyce W. Kiese 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:



NE 1/4 Sec. 36 T1S R5E

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

2. The beneficial use on which the claim is based domestic and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1962, continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 irrigation confined to 3 acre garden and lawn owned by Arnold R. Kiese & Joyce W. Kiese NE 1/4, Sec. 36 T1S, R5E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started August 1962 and completed August 1962
8. The depth of water table 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 44 feet deep, cased with 6" casing
10. The estimated amount of groundwater withdrawn each year 5,000,000 gallon
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Arnold R. Kiese
Joyce W. Kiese

Date December 31, 1963

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

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

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

35855