

T. 28 R. 6E
County Gallatin

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Mary Cowdrey & Judy Cowdrey Address 500 Nagy Blvd
Driller M. E. Jones Address Bridger Drive

Date of Notice of appropriation of groundwater not applicable

Date well started Nov. 10, 69 Date completed Nov. 12, 69

Type 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 5/8" od.	6 5/8" x 17"	0'	67'	None	None	None

Static Water Level for non-flowing well _____feet.

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

Pumping Water Level.....6.7.....feet

at.....40.....gal. per minute.

Discharge in gal. per min. of flowing well
wt. H₂O 10.0

How Tested Pump

Length of Test.....2.....hrs.

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff) None

17

Driller's License Number

M. E. Jones
Driller's Signature

5/883

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.

Show exact depth of bottom.

#3161

State of Montana } ss.
County of Gallatin
Filed Nov. 22, 1970
at 11:05 o'clock AM.
Carl L. Stucky
County Clerk & Recorder
Lucy A. Briggs
Deputy
Filed 200

File No. _____

T. 5 S. R. 6 E

QUADRUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0' --- 618 silty clays and sand.

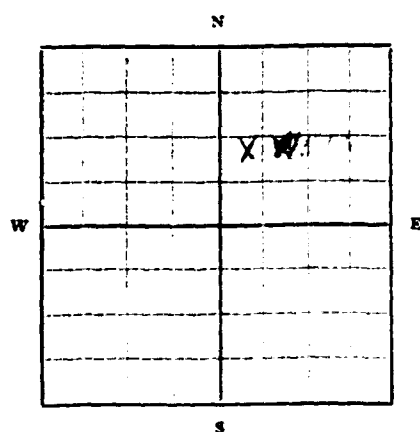
61' --- 62' Fine clean sand
and gravel.Owner John Powell Address Roseburg, Tenn.Driller John Powell Address _____Date of Notice of Appropriation of Groundwater NoneDate well started April 22/62 Date Completed May 12/62

Type of well Drilled Equipment Used the hole
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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" 17'	0'	62'	none		



Sec. 5 T. 5 S. R. 6 E

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 7' feet.Shut-in Pressure for Flowing Well NonePumping Water Level 43 feet at 30 gal. per minute.Discharge in gal. per min. of flowing well NoneHow Tested _____ Length of Test hr.

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

Driller's License Number

Driller's Signature

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

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

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

36115

1801

Dec 31

478 2



200

RECEIVED
MAR 11 1959

T. 25 R. 6 E 18
County Gallatin

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner John L. Fischer Address Older Court, Star Route

Driller Vacuum Pumping Co. Address Bozeman

Date Started Sept 15, 1958 Date Completed Sept 17, 1958

Location: Sec. 18 T. 25 R. 6 E 1/4 sec. 12 Conty. Gallatin

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

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

Casing: 0 ft. to 32 ft. Type Steel Size 1 1/2" 20, 17 PE

Casing: T.D. 32 ft. to _____ ft. Type _____ Size _____

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

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

Type of screen or perforations _____

Static Water level, for non-flowing well: 6 ft. feet.

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

Pumping water level: 10 feet at 42 gal. per min.

How tested: Barter

Length of test: 1 hr.

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

(over)

[illegible]

24

File No. _____

T 25 R 6 E
County Gallatin

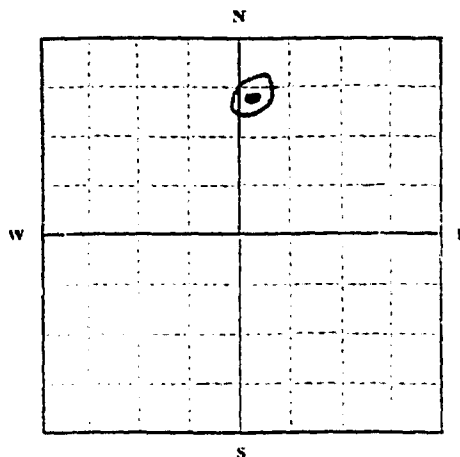
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert H. Lutes, of 1003 So. Chuck Borman
(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:



none ^{1/4} Sec. 18 T. 25 R. 6 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, yard & garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1875 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 none claimed
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 3 acres R.H. Lutes
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 1875
8. The depth of water table Ground 5 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug well About 15 feet
10. The estimated amount of groundwater withdrawn each year 100,000 gal
11. The log of formations encountered in the drilling of each well if available Dirt, gravel & 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 None that I know of

Signature of Owner

Date

R.H. Lutes
April 2, 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.

36123

1859

Gallatin County,)
State of Montana,) ss.

Filed Dec 3 1859

at 2 30 o'clock P. M.

John H. H. H.
COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

Fee \$ 5.00

File No. _____

T. 25 R. 1 E

DUPLICATE

County GALLATIN

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

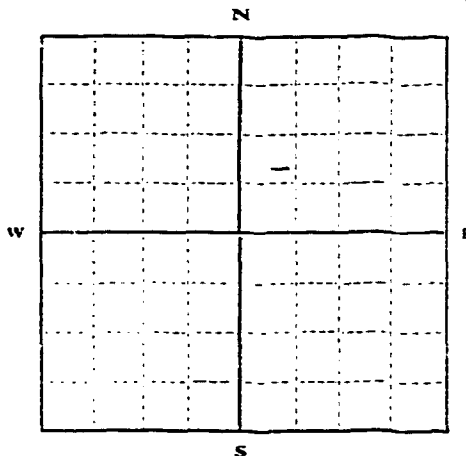
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
MAR 26 1964

STATE ENGINEER

1 STANLEY + CRAWFORD of 1415 SO CHURCH 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. 11 T. 25 R. 1 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 DRINKING + LAWN + GARDEN
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 TO PRESENT DATE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 ONLY LAWN + GARDEN AT HOUSE ON EAST END OF ROAD
2000 - 941
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP + PRESSURE PUMP TANK
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater INTERMEDIATE TO AVAILABLE NOT AUTHENTIC
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 NOT AVAILABLE
10. The estimated amount of groundwater withdrawn each year 20,000 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 NOT AVAILABLE

Signature of Owner [Signature]

Date APR 16 1964

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

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

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

35513

1841

March 25

1:15 P.M.

Paul H. H. H.

Henry A. Peterson

200

File No. _____

DUPLICATE

T. 25 R. 6 E

County BEAUFORT

MAR 26 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

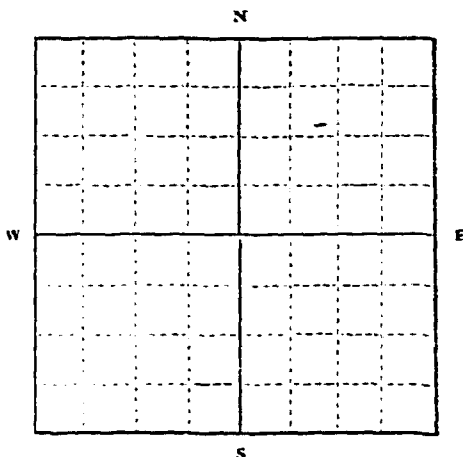
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. STANLEY + CRA M. LEMON, of 1008 S. CHURCH BOZEMAN
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NE Sec. 18 T. 25 R. 6 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 DRINKING, LAWN + GARDEN
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 TO PRESENT TIME
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 2400 SQ. FT. LAWN + GARDEN
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP + PRESSURE TANK AT HOUSE
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table APPROX. 60 FT.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater NOT AVAILABLE
10. The estimated amount of groundwater withdrawn each year 27000 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 NO RECORD AVAILABLE

Signature of Owner Stanley H. LemonDate March 6 - 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.

35514

1842

State of Wisconsin
County of Galena
March 24
1842
Carl Wulson
Newly Settled
Chicago

File No.

T

R

DUPLICATE

County Gallatin

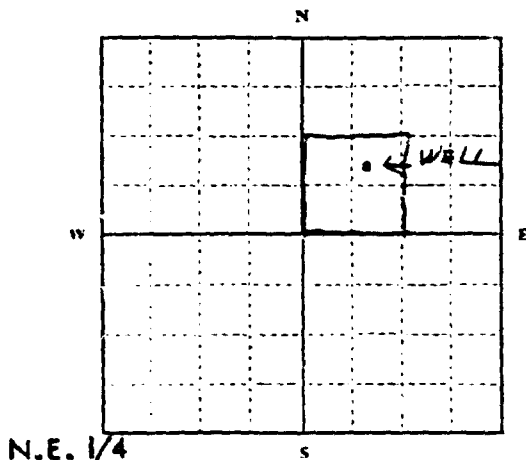
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edith or Herbert Lesley Jr. of Boneman Montana
(Name of Appropriator) (Address) (Town)

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



SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18 T. 2 N. R. 6E

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

2. The beneficial use on which the claim is based Domestic use, Lawn and Garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 10, 1956 in constant use since for mentioned date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 42 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 $\frac{3}{4}$ acre lawn and garden, namely located in the SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 18 T. 2 N. R. 6E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electrical operated pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 10, 1956
8. The depth of water table 10 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 99 ft. deep, drilled well with 6 inch casing
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available Silts and Clays. Well finished in two feet of fine sand and gravels.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Well drilled by VanDyken Well Drilling Company.

Signature of Owner

Date December 30, 1963

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

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

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

33418

1279

State of Montana)
County of Gallatin) ss.

Filed 12-30 1963

at 11.25 o'clock A. M.

Carl Walton
COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

Fee \$ 2.00

File No. _____

T 2 S R 6 E

DUPLICATE

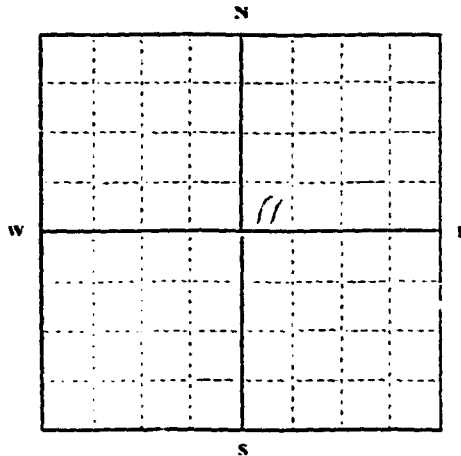
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Eva Lee Lissley, of 1203 So. Church Ave. 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. 18 T. 2 S. R. 6 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, irrigation of land and hot beds.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933 - daily for domestic 6 months of year for hot beds and garden and yard
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30, 240, 000 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 About 1 acre of Tract B in SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec 18 T. 2 S. R. 6 E owned by Eva Lee Lissley
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal a well in house and a well in garden
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1933 -
8. The depth of water table about 15 feet -
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Garden well - about 3 feet in diameter, partly walled, and raised by an electric pump. House pump is a driven one about 2 in diameter, 20 ft long, hand pump
10. The estimated amount of groundwater withdrawn each year 30, 243, 600 gal.
11. The log of formations encountered in the drilling of each well if available Sand and 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 not applicable - (none)

Signature of Owner

Date Dec 30, 1963

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

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

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

33347

1208

State of Montana ss.
County of Gallatin

Filed Dec 30, 1963
at 9 27 o'clock AM.

Hallen
COUNTY CLERK & RECORDER
By Ida F. Morris
DEPUTY
Fee \$ 2.00 Pd

File No.

T. 5 R. 6

DUPLICATE

County Bellevue

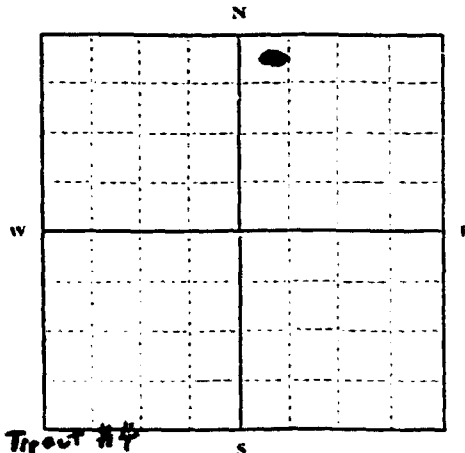
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Dolores L. Maykuth of 705 South Street, Helena (Name of Appropriator) (Address) (Town)

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



W 1/2 NE 1/4 Sec. 18 T. 25 R. 6E

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 garden lawn irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been before 1930; the household use has been continuous since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gpm for household use
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 11 acres, 1/2 section, 1/4 section, Mrs. Dolores L. Maykuth
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well located approximately 15 feet north of house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1934
8. The depth of water table approximately 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 driven well, 4 inch diameter, 10 feet deep
10. The estimated amount of groundwater withdrawn each year 40,000 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 None

Signature of Owner Mrs. Dolores L. Maykuth

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.

35848

1534
1534

Rec. 31. 11.16
11.16
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File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 24 1963

STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner _____ Address _____

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

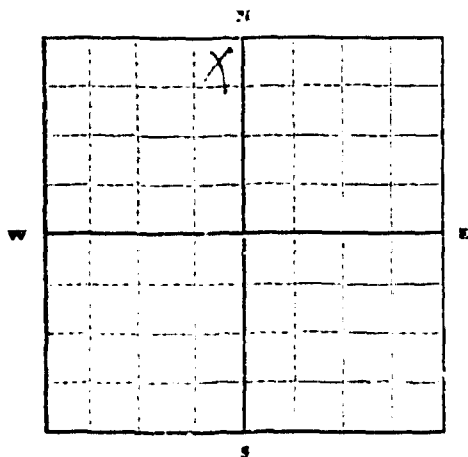
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. _____

quantity of water developed and used with explanation of method
used to measure - estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

Signature of Owner _____

Date _____



Section _____ Township _____ Range _____

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

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.

T 2 R 6

County Challenger

RECEIVED
OCT 24 1963

STATE ENGINEER

Date of Appropriation of Groundwater 12/22/2017

Owner _____ **Address** _____

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. Thames

Natural Soda Water

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.....

Continued on next page

.....

Handwritten signature

Signature of Owner [Signature]

Date 10/10/2014

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.

6621.

745

State of Montana (ss.
County of Gallatin)
Filed Oct. 23, 1963
at 9:47 o'clock A M.

East Helena
COUNTY CLERK & RECORDER

By Ida J. Morrow
DEPUTY

Fee \$ 2.00 Pd.

File No.

T. R.

DUPLICATE

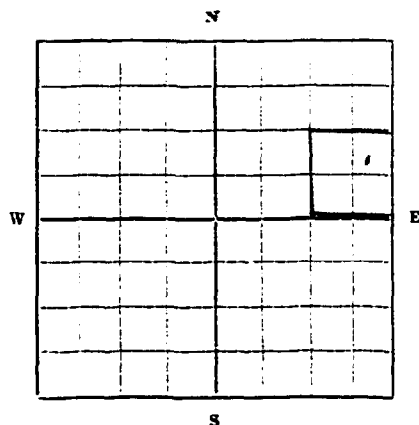
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Roland P. Rene of 1015 Courtland Road Bozeman
(Name of Appropriator) (Address) (Town)
County of Callahan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based irrigation, domestic and garden in addition to other household consumption and poultry and livestock use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1940--continuously since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 1 to 1 1/2 acres
Roland P. Rene

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump with drive, galvanized iron 2" pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 5, 1940 and completed July 20, 1940

8. The depth of water table 60'

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 1/2" drive, 2" galvanized pipe

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

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

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 See attached exhibit

Signature of Owner Roland P. Rene

Date 7/1/40

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

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

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

#494

State of Montana)
County of Gallatin) ss.
Filed May 15, 1962
at 3:15 o'clock P. M.
Carl Walton
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.00

RECEIVED

T. Two(2) R. Six(6) E. st. M.P.M.

County Gallatin

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Donald J. Reed Address Sourdough Road Bozeman, Montana

Driller Van Dyken Drilling Address Bozeman, Montana

Date Started May 13, 1960 Date Completed May 18, 1960

Location: Sec. 18 T. 2 R. 6 East 1/4 sec. S.E. 1
Lot 5 Lewis Subdivision

Type of well Drilled 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 8 1/2 ft. Type Prime Steel Size 6 5/8" O.D. 17 1/2 P.E.

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

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

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

Type of screen or perforations. _____

Static Water level, for non-flowing well: 25 feet.

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

Pumping water level Drawdown 20 feet at 30 gal. per min.

How tested: Miller

Length of test: 1 hour

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

none

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	45	Soft sandstone
45	47	Sand, gravel
47	52	Sandy clay
52	54	Sandy gravel
54	82	Soft sandstone
82	92	Hard sandstone with 2 small lends of soft sandstone

Eight feet of open hole below casing.

Filed
 at
 by
 Fee

Sullivan County
 State of Maryland
 DEPUTY

Form No. 18
8-60

18

T. 2 S R. 6 E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

inc 16
A: 496.5'
B: 150'
C: 150'
d = 200'

Water Well Log

Owner George Boerhild Address Bozeman, Mont.
Driller VanDyken Drilling Co. Address Bozeman, Mont.
Date Started Aug 23, 1960 Date Completed Aug 25, 1960
Location: Sec. 13 T. 2 S R. 6 E $\frac{1}{4}$ sec. NE

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

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

Casing: 0 ft. to 37 ft. Type Steel Size 6"

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

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

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

Type of screen or perforations _____

Static water level, for non-flowing well: 4 feet.

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

Pumping water level 22 feet at 14 gal. per min.

How tested: Bailed

Length of test 1 hr.

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

(over)

Log of Well

[illegible]

五

File No. _____

T. 23 R. 6E

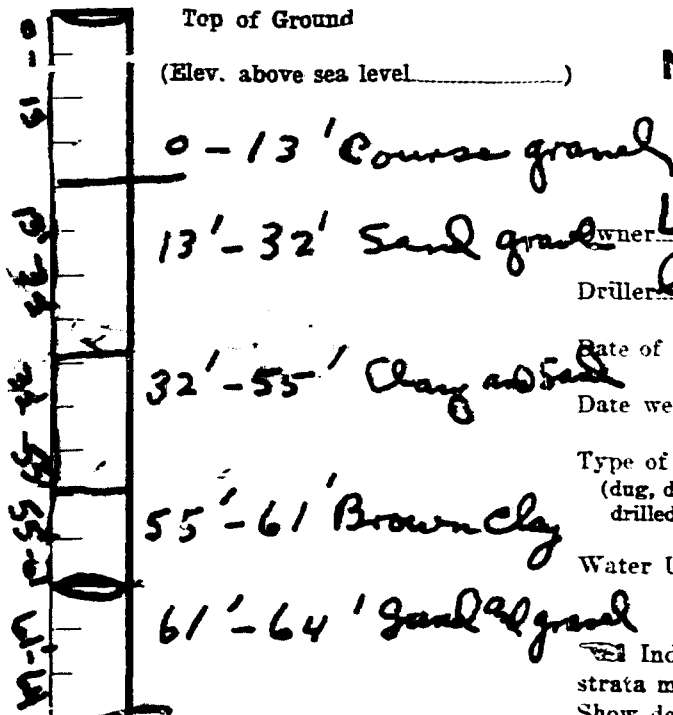
DUPLICATE

County Golden

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER NOV 27 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Valley View Golf Club Address Bigman, Montana
Driller Carter & Low Address Willow Creek, Montana

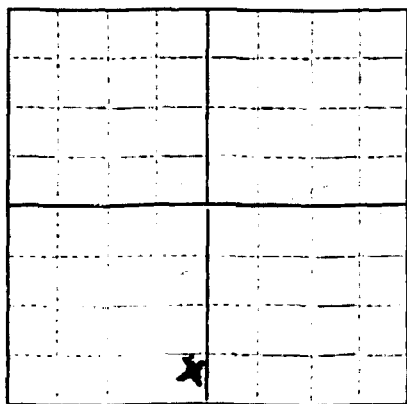
Date of Notice of Appropriation of Groundwater April 8, 1962
Date well started April 8, 1962 Date Completed April 20, 1962

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" +	6 ID. 15 H per Foot.	0	61'			



SE 1/4 Sec. 18 T. 25 R. 6E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 7 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 27 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Balor Length of Test 2 Hours

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

24
Driller's License No. 24
Carter and Low
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.

785

7005
12. 4. 60
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4
L

20

[illegible]

11-11-67
156-44818-169

X

783-

State of Tennessee
County of Hamilton
Filed 11/22/26 1963
at 2:45 o'clock P.M.
James Hamilton
COUNTY CLERK & RECORDER

By Mark DEPUTY

1. *Chrysomelidae* (Colorado potato beetle)
 2. *Chrysomelidae* (Colorado potato beetle)
 3. *Chrysomelidae* (Colorado potato beetle)
 4. *Chrysomelidae* (Colorado potato beetle)
 5. *Chrysomelidae* (Colorado potato beetle)
 6. *Chrysomelidae* (Colorado potato beetle)
 7. *Chrysomelidae* (Colorado potato beetle)
 8. *Chrysomelidae* (Colorado potato beetle)
 9. *Chrysomelidae* (Colorado potato beetle)
 10. *Chrysomelidae* (Colorado potato beetle)

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 DAVE WESSEL

Address BOZEMAN, MONT.

Date well started NOV. 13/63

completed NOV. 14/63

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

Equipment used Cable tools.
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

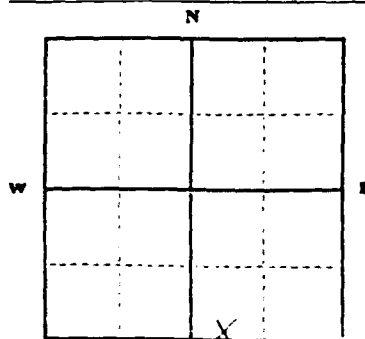
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 5/8" O.D. 17" per ft.	0	43	none		



Sec. 14 SE 1/4 Sec. 18
T. 2 N. R. 6 E.
S. W.

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

Driller's Signature VAN DYKEN DRILLING CO.

Driller's Address Bozeman, Montana

BOZEMAN, MONTANA

LICENSE NO. 1

County GALATIN

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
1		
0	3	clays and top soils.
8	20	Sand and gravels. Water at 18'
20	41	Sh. Slopy, silty sand and gravels. Water.
41	48	Cemented sand and gravels. Water.

Static water level 8 ft.*
Pumping water level 38 ft.*
at 15 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 shutoff
outside of casing.

43 Show exact depth of bottom

#3090

State of Montana)
County of Gallatin) ss.
Filed June 30 1972
at 10:45 o'clock AM.
Carl L. Stucky
County Clerk & Recorder
By Leah A. Bridge
Deputy
Fee \$ 2.00

RECEIVED
MAY 27 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 2S R. 6E 18

County Gallatin

WATER WELL LOG

Owner Alfred and Frances Abelin Address 798 S. Church Street
Bozeman, Montana

Driller Dug by Alfred Abelin & boys Address Bozeman, Montana

Date Started May 1942 Date Completed July 1942

Location: Sec. 50 1/4 NW 1/4 T. 1 R. 1/4 sec. 18 2 56 E

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

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

Casing: 4' Metal ft. to 12 ft. Type Road culvert Size 4 foot

Casing: 3' Metal ft. to 26' ft. Type Road culvert Size 3 foot

Casing: ft. to ft. Type Size

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

Type of screen or perforations:

Static Water level, for non-flowing well: 10 foot feet.

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

Pumping water level: 8 feet at 120 gal. per min.

How tested: Water Meter

Length of test: Several one-minute tests taken

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

Top of well is cemented down seven feet with a cement floor, walls and top with an access hole in both the floor and top.

(over)

Log of Well

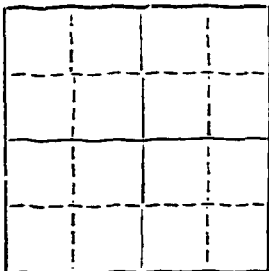
[illegible]

RECEIVED
MAY 27 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner: Frances & Alfred Abelin Address: Bozeman, Montana
798 South Church Street
Driller: M. Clausin Address: Bozeman, Montana
Date Started: June 1952 Date Completed: June 1952
Location: Sec. SW 1/4 NW 1/4 T. A R. 18 S. 6E

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

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

Casing: 1600 ft. to 95 ft. Type: Well Size: 4"

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: 17 feet

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

Pumping water level: 17 feet at 180 gal. per min.

How tested: Well filler

Length of test: _____

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

Well is drilled in the corner of the hand-dug well pit. This is about
5' x 5' square and is covered by a concrete roof 50' above ground level.
It has concrete side-walls, with an access hole in the cover and
floor.

(over)

Log of Well

[illegible]

File No. _____

T 2S R 6E

Duplicate _____

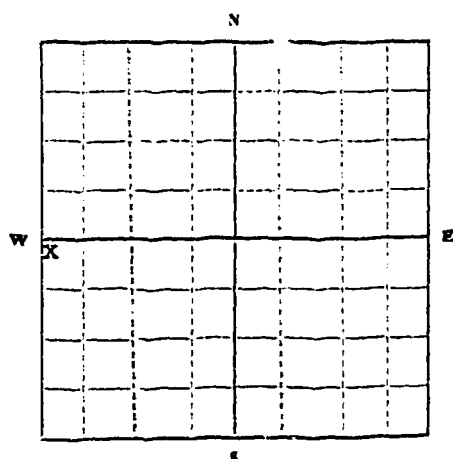
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. DANIEL W. AYERS of R. R. #2 Bozeman
 (Name of Appropriator) (Address) (Town)
 County of Gallatin State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec 19 T 2S R 6E

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

2. The beneficial use on which the claim is based for domestic use and irrigation of the yard site.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Upon a 5 acre tract about 500 feet south of the northwest corner of the Southwest Quarter of Section 19, Township 2 South, Range 6 East, M.P.M.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951
8. The depth of water table 18 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 155 foot deep well with 6" casing and 2" galvanized pipe
10. The estimated amount of groundwater withdrawn each year 2,000,000 gallons
11. The log of formations encountered in the drilling of each well if available _____
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This declaration is made as an appurtenance to the above-mentioned property and not as an individual personal right.

Signature of Owner, _____

Date December 30, 1963

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

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

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

35959

1645

Dec 31 1963

153

P-1

Carl H. Hollar

fil

702

File No.

T 25 R 6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

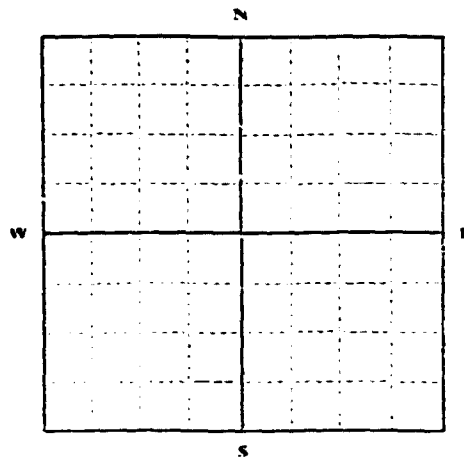
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gracie L. - Hazel Baker, of 1012 Key Lane, Bozeman, Mont.
(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. 19 T. 23 R. 6E

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 July 1956 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gpm. 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 1.7 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 hp submersible pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1956 - beginning & completion
8. The depth of water table 90 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 190 ft - 6" case
10. The estimated amount of groundwater withdrawn each year 350,000 gals.
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 Gracie L. Baker

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

35802

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Dec 31
10:30 A
Theresa Giller
Feb 5 2011

RECEIVED

FEB 22 1972

County Blaine 19

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 Oral Bahumia

Address Rt. 3, Bozeman

Date well started Dec 13 1971 GW 1

completed Dec 1971

For Administrator's Use

File 3042 Feb. 17, 1972

4:50 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 ☐

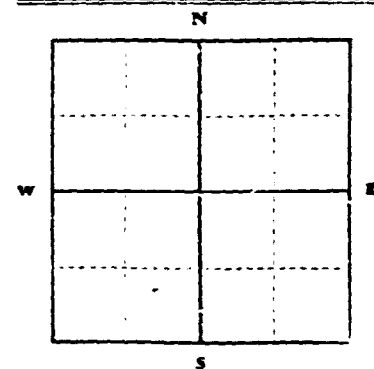
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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
7"	19 lb	2ft above		
	6 5/8 OD		63 ft	None



Lot 2, Sour Dough Creek

Section 31 Township 25 North Range 168 East

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

Driller's Signature Harold D. 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	8	soil
8	16	Soil & clay
16	18	sand rock
18	20	sand rock
20	22	clay & rock
22	48	clay & rock
48	50	clay rock and very little water
50	55	fine gravel little water
55	60	gravel some water
60	64	sand gravel and water

Show exact depth of bottom

49,900

3047

State of Montana | ss.
County of Gallatin

Filed February 17, 1972

at 4 20 o'clock P.M.

Carl L. Stucky

County Clerk & Recorder

By Willa M. Lipterman

Deputy

Fee \$ 2.00 p.d.

Developed after January 1, 1962

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

completed October 9, 1972

(Dug, driven, bored or drilled)

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

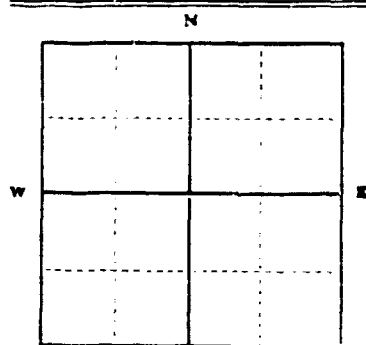
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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 5/8" od					
	x .250	+1'	156'			
				cutting torch		
	5 5/8" od				155'	157'
	x .250	154'	175'		173'	175'



Static water level 130 ft.
Pumping water level 105 ft.
at 25 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by **balling**

for hours.

Power..... Pump..... HP

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

Lot #8 Soft Dough Ridge #1

Sec. 19-20

T. 2. ~~N~~ R. 6. E. ~~S~~ ~~W~~

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

Driller's Signature O'Keefe Contracting Company

Driller's Address 2501 Harvard Ave.

Letter Montana 00701

LICENSE NO.

Top of Ground

(Elev. above sea level)

[illegible]

175' Show exact depth of bottom

#3246

State of Montana) ss.
County of Gallatin

Filed June 8 1973
at 9:00 o'clock A.M.

Carl L. Stucky
County Clerk & Recorder

By Frank A. Bridges
200 pd.

GW 2

File No.

DUPLICATE

RECEIVED
AUG 13 1963

Approved Stock Form State Publishing Co., Helena, Montana—33496

T 2 S R 6 E

County

STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
AUG 6 1963

Notice of Completion of Groundwater Appropriation by Means of Well

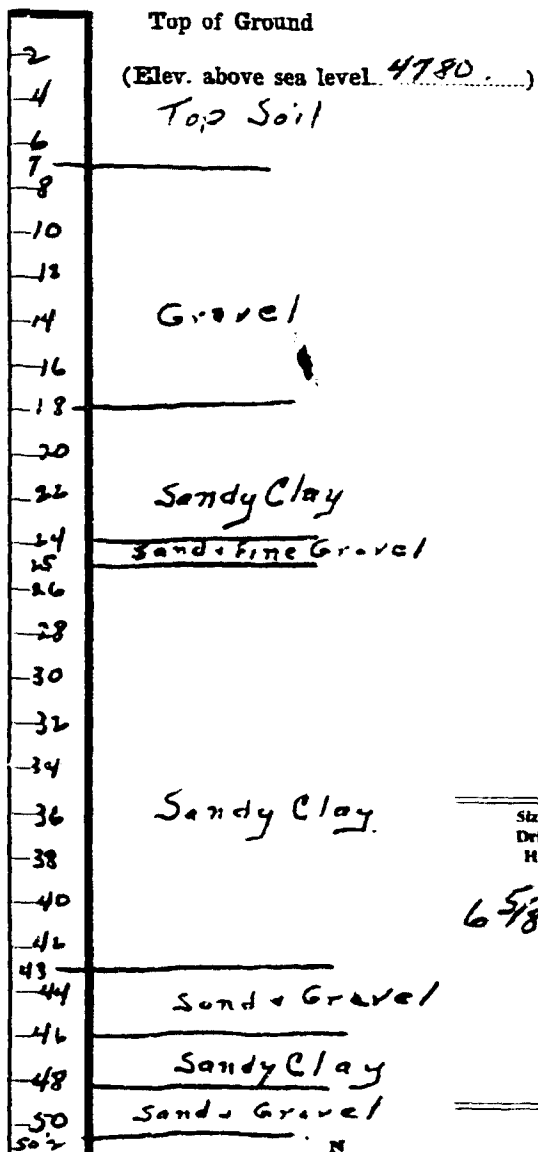
(Under Chapter 237, Montana Session Laws, 1961)

Owner Clyde H. & Ellen Mae Borden Address Rt #2 BoremanDriller Dorinda C. Jones Address

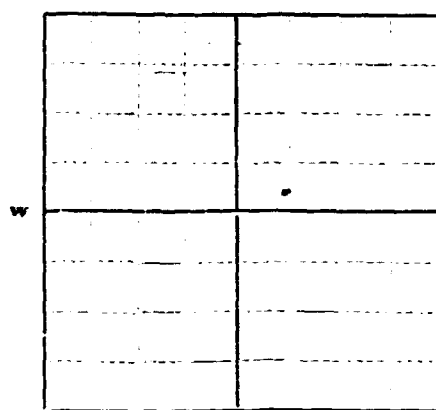
Date of Notice of Appropriation of Groundwater

Date well started Nov 12 1962 Date Completed Nov 20 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)
6 5/8"	6 5/8 OD 15'	0	50 1/2	None		



NE 1/4 Sec. 19 T 25 R 6 E

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 4 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 50 1/2 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Pump Length of Test 1 1/2 hrs.

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

Driller's License Number 17

Milton 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.

478

State of Montana
County of Gallatin
Filed August 5, 1968
at 1:25 o'clock P.M.
EARL WALTON
COUNTY CLERK & EX-OFFICIO
By W. J. Morrow
Deputy
Fee \$ 2.00 Pd.

No. 18

T. 2 So. R. 6 E

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

Water Well Log

Owner Clarence A. Bruce Address Sourdough Road
Bozeman, Montana

Driller Bert VanDyke Address Bozeman, Montana

Date Started August 1956 Date Completed August 1956

Location: Sec. 19 T. 2 So. R. 6 E $\frac{1}{4}$ sec. East end lot 12
Bozeman Sub div.

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: 10 ft. to 10 ft. Type steel Size 6 inch

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

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

Perforated or screened: none Ft. _____ to ft. _____ . Ft. _____ to ft. _____

Type of screen or perforations none

Static water level, for non-flowing well: 16 feet.

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

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

How tested: bailer

Length of test 30 minutes

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

(over)

Log of Well

[illegible]

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

SEP 20 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner G. Sherman Cobb Address Bismarck
Driller Donna C. Jones Address Bismarck

Date of Notice of Appropriation of Groundwater _____

Date well started July 30, 1962 Date Completed Aug. 1, 1962

Type 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.

Top of Ground _____
Top Soil
(Elev. above sea level _____)

2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60

clay

Gravel

Sandy Clay

Gravel

Sandy Clay

Sandy Gravel

Sandy Clay

Fin. Gravel

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

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kid Size	From (Feet)	To (Feet)
6"	6 5/8 OD 11.5	Top of Ground	52 1/2'	6 5/8	52 1/2'	

Static Water Level for non-flowing Well 4 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 52 1/2 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump Length of Test 1 1/2 Hrs

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

Driller's License Number 17Driller's Signature Milton E. Jones

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.

6094

707

State of Montana } ss
County of Gallatin }

Filed Sept 27, 1963

at 4:25 o'clock P. M.

Carl Wallen

COUNTY CLERK & RECORDER

By Isla J. Morrow

DEPUTY

Fee \$ 2.00 Pl

File No.

T. 25 R. 6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 31 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

and Gertrude V.

Owner Hugh C. Cotton Address Rte #2, Box 15-CDriller Donald C. Jones Address

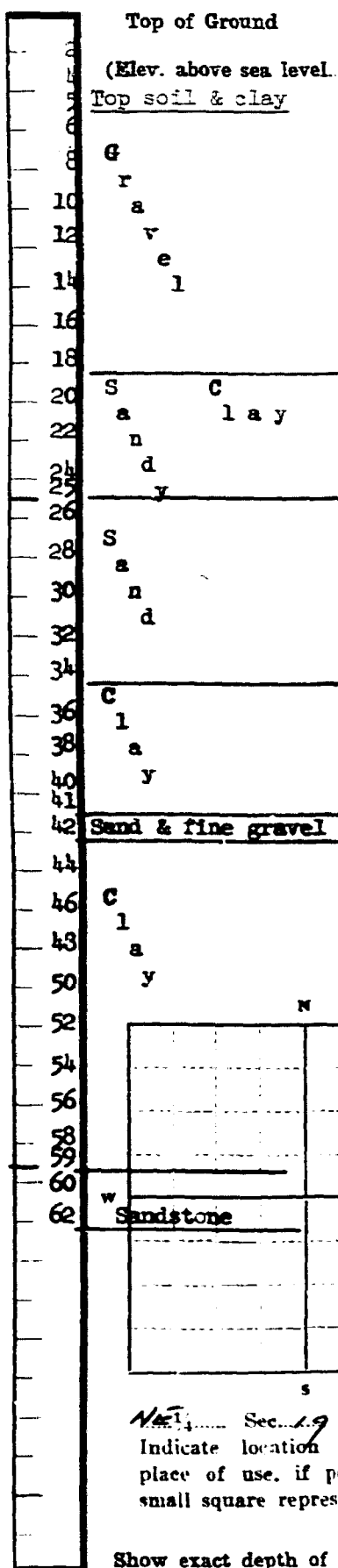
Date of Notice of Appropriation of Groundwater

Date well started May 7, 1963 Date Completed May 10, 1963

Type 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)
6 5/8" O.D.	19#	surface	62'	None		

Static Water Level for non-flowing Well 5 1/2 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 62 feet at 13 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)

Driller's License Number 17Driller's Signature Donald C. Jones

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.

749

State of Montana }
County of Gallatin } ss.
Filed October 30, 1963
at 4:10 o'clock P. M.
EARL WALTON
COUNTY CLERK - RECORDER
By Earl Walton
DEPUTY
Fee \$ 2.00 pd.

Form No. 18
8-60

19
T. 25 R. 6E

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER

Owner Irving E. Dayton Address Sourdough Road, Bozeman
Driller Bert Van Dyke Address 403 N. Villard, Bozeman
Date Started Oct 1, 1955 Date Completed Oct 3, 1955
Location: Sec. 19 T. 28 R. 6E $\frac{1}{4}$ sec. SE 1/4 of NE 1/4

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

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

Casing: 0 ft. to 44 ft. Type prime steel Size 6 5/8" OD
17 lb PG

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

Static water level, for non-flowing well: 18 feet.

Shut-in pressure, for flowing well: none lb./sq. in. on:
(date)

Pumping water level 32 feet at 30 gal. per min.

How tested: bailer

Length of test

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

none

(over)

Log of Well

[illegible]

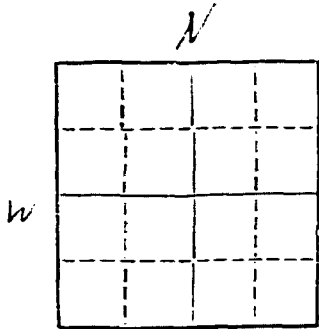
RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

T. 2 S R. 6 E 19
County Gallatin



Owner L. E. Emery Address Bozeman
Driller M. E. Jones Address Helena
Date Started 1-11-58 Date Completed 1-19-58
Location: Sec. 19 T. 2 S R. 6 E 1/4 sec.

Type of well ⁵ Drilled Equipment used Churn Drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: Surface ft. to 39 ft. Type 5/8" Pipe Size 6" I.D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations:

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

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

Pumping water level: 37 feet at 15 gal. per min.

How tested: Bail

Length of test: 1 Hour

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

(over)

Log of Well

Depth. feet		Description of Material Drilled
From	To	
Surf	10 Ft	Gravel
10 Ft	15 Ft	Clay
15 Ft	22 Ft	Gravel & Sand
22 Ft	37 Ft	Clay
37 Ft.	39 Ft.	Gravel & Sand

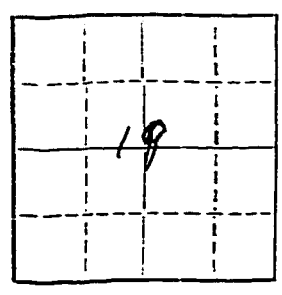
2:55
 EARL WILTON
 COPIES CLERK & RECORDER
 BY *Wm. J. Macdonald*
 Deputy

19

T. 2S R. 6E
County Beaumont

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Annie May Higgins Address Bozeman Mont
Driller _____ Address _____
Date Started _____ Date Completed _____
Location: Sec 19 T. 2S R. 6E $\frac{1}{4}$ sec SE

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

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

Casing: _____ ft. to 12 ft. Type pipe Size 2 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: _____ feet.

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

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

How tested: _____

Length of test: _____

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

May 7
3:00
Paul Patton
Amadeo Miline

File No.

T. 2 S. R. 6 E.

DUPLICATE

County, Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

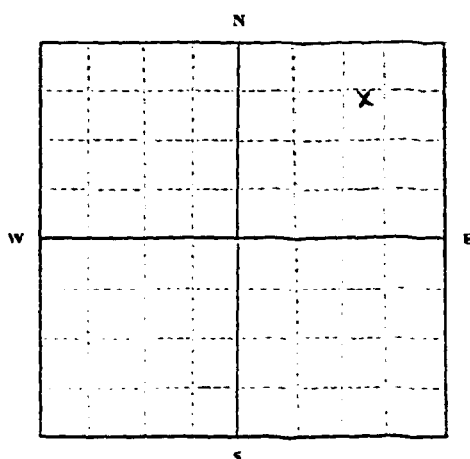
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Anthony F. Geis and Mary B. Geis, of Route 2, Bozeman
Husband and Wife (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. 19 T. 2S R. 6E

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 plus lawn and garden irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately March 1, 1947. Use has been continuous since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Household use plus lawn and garden irrigation.
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 1.29 acres, 1/2 of Tract 6 in Long Acres, a suburb of Bozeman, Montana, located in the E 1/2 of S 19, T2, R6E, M.P.M. owned by Anthony F. Geis and Mary B. Geis, Husband and Wife, Route 2, Bozeman, Montana.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Submerged Pump, 1/3 h.p., all located approximately 30 feet West Southwest of the dwelling.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Constructed Approximately March 1, 1947.
8. The depth of water table 26 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well 55 feet deep, 26 feet to water, 29 feet of water. 6 inch diameter (inside) steel casing.
10. The estimated amount of groundwater withdrawn each year Minimal Household Use plus lawn & garden irrigation.
11. The log of formations encountered in the drilling of each well if available Drillers log not available. Formations 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 Warranty deed to this property is recorded in Book 113 of Deeds on page 531 of the Records of Gallatin County, Montana

Signature of Owner Anthony F. Geis

Date December 26, 1963

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

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

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

13313

1025

State of Montana)
County of Gallatin)
December 26,
Filed 12:55, 1953
at EARL WASTON M.
County Clerk & Recorder
By 2.00 Pd
Fee \$

T 2 L R 6 E

County DELAWARE

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD 15#			None		

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).....

Tract 3 Long Creek
Show exact depth of bottom.

Driller's Signature

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.