Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana State Laws 1959)

Owner: Robert Jordan
Address: 2202 Bozeman Ave.
Driller: Parker Brown
Address: Willow Creek

Date of Notice of Appropriation of Groundwater: May 20, 1961
Date well started: May 20, 1961
Date completed: May 6, 1961
Type of well: Drilled
Equipment Used: Churn drill

Water Use: Domestic
Industrial
Drainage
Stock

Static Water Level for non-flowing Well: 31 feet
Shut-in Pressure for flowing Well
Pumping Water Level: 4.7 feet at 30 gal. per minute
Discharge in gal. per min. of flowing well
How Tested: Drill Rig
Length of Test: 3 hours

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

Signatures:

[Signatures of Owner and Driller]

Driller's License Number: Parker Brown
Driller's Signature

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

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

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

4579
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FRANK R. DONEY
R. R. #2 Bozeman

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:

2. The beneficial use on which the claim is based: Household, stock and building irrigation.

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: stockwater, household, garden, lawn, trees, etc.

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

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

8. The depth of water table: 4 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: two cisterns 1,000 gal. and 600 gal. piped to house and buildings approximately 1,800 feet.

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

11. The log of formations encountered in the drilling of each well if available: Clay base, tile used to gather water into cisterns.

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

Signature of Owner: 
Date: Dec. 27, 1963.

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

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

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

Filed 12-31-1983 at 12:00 o'clock P.M.

Carl Sullivan
COUNTY CLERK & RECORDER

Fee $2.00

[Signature]
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE-OF-COMPLETION-OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filled with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File

August 27, 1971

GW 1

Owner: Leonard C. Beswask
Address: Route 1 Box 116-A, Bozeman, Montana
Contractor (if any): NA
Address of Contractor: NA
Date Started: Date Completed:

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   Ditch from spring on
   NW 4 of SE 4, Sec 15, T38, R5E

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

3. Depth of water table

4. Use of the water
   Irrigation and stock watering

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

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

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

8. Months of year spring flows Continuously

Signature of Owner: Leonard C. Beswask
Date: July 19, 1971

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

Elevation of spring, if known or estimated

3500 feet
State of Montana  ss.
County of Gallatin
Filed August 24, 1972
at 10:00 o'clock A.M.
Carl L. Stocky
County Clerk & Recorder
By: Lincoln R. Bridges
Deputy
Fee $ 7.00
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

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

Thank you.

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

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

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

3. Depth of water table
   - 2 ft.

4. Use of the water
   - Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute)
   - All - about 4 inches
   - If used for irrigation, give number of acres and description of land
     - 9 acres, class B, grazing

6. Estimate amount of water used each year
   - 36,500 gallons

7. Months of year spring flows
   - All

Signature of Owner

Date: 12 April 1972
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

Owner: Alan Watson
Address: At 3 Box 117 Bozeman
Contractor (if any): none
Address of Contractor: 
Date Started: 
Date Completed: 

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

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

3. Depth of water table

4. Use of the water
   irrigation

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

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

7. Estimate amount of water used each year
   36,500 gallons

8. Months of year spring flows
   all

Signature of Owner: 
Date: 19 April 1972
State of Montana
County of Gallatin

Filed April 12, 1972
at 1:30 P.M.

Carl Beachy
County Clerk & Recorder

By
Deputy

Fee $0.00
MONTANA WATER RESOURCES BOARD

RECEIVED

NOV 26 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 337, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator’s Use
File No. 36-23
Date 1971
GW 1

For Owner

Owner: Alan and Hazel Watson
Address: Rt. 3 Box 117 Bozeman

Contractor (if any): None
Address of Contractor: 

Date Started: — — Date Completed: — —

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

spring

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

3. Depth of water table

4. Use of the water

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

all — about 5 gals per minute

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

9 acres close by grazing

7. Estimate amount of water used each year

365.00 gals

8. Months of year spring flows

Signature of Owner: Alan Watson
Date: 22 Nov. 1971

49466
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

1. **John D. Chapman**
   - City: Butte
   - Town: Montana

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

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

4. The amount of groundwater claimed (in miner’s inches or gallons per minute):
   - 30 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   - 5 acres

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

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

8. The depth of water table:
   - 80 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - 1/2 horse electric pump 500 to 600 gallon per hour

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

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

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

Signature of Owner: __________________________
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.
State of Montana  
County of Gallatin  
Filed:             December 27 1963
at    8:12 a.m.

EARL WALTON

COUNTY CLERK, RECORDER

Fee $2.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Tom Portnell, et ux  Address: Gallatin Gateway,
Driller: Harold Hubert  Address: Route 1, Bozeman

Date of Notice of appropriation of groundwater

Date well started: July 29, 1965  Date completed: Aug. 1, 1965

Type of well: Drilled  Equipment used:  Churn (Dug, Driven, Bore or Drilled)

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 sand, 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PREPARATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6 5/8</td>
<td>1' above</td>
<td>49'</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 10 feet.
Shut-in Pressure for Flowing Well.
Pumping Water Level 25 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested: Pump
Length of Test: 4 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

NE 1/4 Sec. 16 T. 36 S. 5 W.

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

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

34420
State of Montana  
County of Gallatin  

Filed August 26, 1965
at 3:10 o'clock P.M.

Carl L. Stucky
COUNTY CLERK & RECORDER
By: Beverly McElwee
DEPUTY

Fee $2.00 Pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Dec 12, 1963)

Ralph E. Whiteaker
or Ralph E. Whiteaker, Route 2, Box 8236, Bozeman
County of Gallatin, State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based: F. Household, Stock and Garden Water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Dec. 20, 1959 to Jan. 1, 1960.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 gal. per minute at time of filing.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 20 acres.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Jan. 1, 1960, May 29, 1960.

8. The depth of water table: 8.5 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: No. 1 — Steel Cased 6' diam. 63 ft. deep.

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

11. The log of formations encountered in the drilling of each well, if available: #1 = 25 ft. black 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:

Signature of Owner: Ralph E. Whiteaker
Date: Dec. 12, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

   (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:

   2. The beneficial use on which the claim is based... on domestic
       livestock, yard and garden

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

   4. The amount of groundwater claimed (in miner's inches or gallons
       per minute)... 17 gallons per minute

   5. If used for irrigation, give the acreage and description of the lands
       to which water has been applied and name of the owner thereof
       Yard and garden, at location of well, Richard T. Hargrove and Lois E. Hargrove
       one acre

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

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

   8. The depth of water table... 10 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
       works for the withdrawal of groundwater... depth of well, 32 feet, six-inch casing

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

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

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

   Signature of Owners: Richard T. Hargrove

   Date... April 26th, 1963

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

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

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

Filed: June 10, 1963

[Signature]

[Stamp:Filed: 4:00 PM]

[Stamp:Filed: 7:00 AM]
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: HARLEY KEET
Address: 2707 Bridger St.,

Driller: DONALD C. JONES
Address: Box 295, Missoula.

Date of Notice of Appropriation of Groundwater:


Type of Well: Drilled
Equipment Used: 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casings</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 x 16</td>
<td>6 1/2&quot; x 10</td>
<td>32</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 62 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 32 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Pump

Length of Test: 45 min.

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

Driller's License Number: DONALD C. JONES
Driller's Signature: [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 Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

HARLEY KENT as one of the owners R. #2

Gallatin
Bozeman

County of Gallatin
State of Montana

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

1. The beneficial use on which the claim is based: For domestic use and farm building site, yard and livestock use.

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

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

4. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof:
   Approximately 2 acres at the farm building site.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Electric motor and pump located at building site as indicated in diagram to left, building site approximately 60 rods west and 20 rods north of the southeast corner of
   Section 17, T3S, R5E, M.P.M.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   As indicated above.

7. The depth of water table: all three wells - approximate 5 feet

8. The log of formations encountered in the drilling of each well if available:
   Well No. 1 - about 32 feet
   Well No. 2 - about 20 feet
   Well No. 3 - about 20 feet

9. The estimated amount of groundwater withdrawn each year: 1,000,000 gallons

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

11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: none

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

   Signature of Owner: [Signature]
   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 Approporator.

35 967
Golden County, 1st
State of Montana

Filed
2-8-1963
at 9 o'clock, M.

Earl Walton
COUNTY CLERK & RECORDER

By

Fee $ 2.00
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: James L. & Betty J. Riches
Address: Rt. 2, Box 207, Roseman

Driller: Harold Rolbert
Address: RTI, Box 207

Date of Notice of appropriation of groundwater: Nov 1969
Date completed: Dec 13, 1969

Type of well: Cable Tool
Equipment used: Drilling rig, driven, bored or drilled

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.

Static Water Level for non-flowing well:

Shut-in Pressure for Flowing Well:

Pumping Water Level:

Discharge in gal. per min. of flowing well:

How Tested: 3 hrs. by pump

Length of Test:

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

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

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

33, 791
State of Montana  
County of Gallatin  
Filed June 18, 1918  
at 11:35 a.m.  
P. L. Stock  
County Clerk & Recorder  
By Edna J. Hall  
Duty  
Fee $2.00
<table>
<thead>
<tr>
<th>Requirement</th>
<th>Information Provided</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. <strong>Name of Appropriator</strong></td>
<td>Harry R. Figgins and Ina Figgins</td>
</tr>
<tr>
<td>2. <strong>beneficial use on which the claim is based</strong></td>
<td>Sub-irrigation for pasture, hay, crops, and stock water.</td>
</tr>
<tr>
<td>3. Date or approximate date of earliest beneficial use and how continuous the use has been</td>
<td>Since 1961/continuous thereafter.</td>
</tr>
<tr>
<td>4. <strong>amount of groundwater claimed</strong> (in miner's inches or gallons per minute)</td>
<td>50 miner's inches</td>
</tr>
<tr>
<td>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</td>
<td>Approximately 35 acres by declarant and predecessor in interest, owners Harry R. Figgins and Ina Figgins. Refer to map as to description.</td>
</tr>
<tr>
<td>6. <strong>means of withdrawing such water from the ground and the location of each well or other means of withdrawal</strong></td>
<td>Natural springs and sub-irrigation.</td>
</tr>
<tr>
<td>7. <strong>date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</strong></td>
<td>None.</td>
</tr>
<tr>
<td>8. <strong>depth of water table</strong></td>
<td>Ranging in depth from surface to 2 feet.</td>
</tr>
<tr>
<td>9. <strong>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</strong></td>
<td>None.</td>
</tr>
<tr>
<td>10. <strong>estimated amount of groundwater withdrawn each year</strong></td>
<td>50 miner's inches continuous.</td>
</tr>
<tr>
<td>11. <strong>log of formations encountered in the drilling of each well if available</strong></td>
<td>None.</td>
</tr>
<tr>
<td>12. <strong>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</strong></td>
<td>Soil and water conservation plan Bo. 216 of Gallatin soil conservation district.</td>
</tr>
<tr>
<td><strong>Signature of Owner</strong></td>
<td>Ina Figgins</td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td></td>
</tr>
</tbody>
</table>

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

1. Harry R. Figgins and Jna Figgins, of Route 2, Bozeman
   (Name of Appropriator)  
   (Address)  
   (Town)

   County of Gallatin  
   State of Montana  

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

   The beneficial use on which the claim is based: Household, Livestock water, irrigation and domestic.

   2. Date or approximate date of earliest beneficial use; and how continuous the use has been (a) continuous use by owner A since 1920 or from approximately 1900 to 1920, intermittent there after.

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

   4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

   5. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal of groundwater are:

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: A- Started and completed in 1932, B- Completed approximately 1900, (estimated).

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

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

   10. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None available.

   Signature of Owner: Jna Figgins

   Date: Dec. 15, 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1. Richard T. Hargrove & Lois E. Hargrove of R.P.D. #2, Bozeman
   (Name of Appropriator)  (Address)  (Town)
   County of Gallatin  State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based: domestic, livestock, yard and garden

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 17 gallons per minute

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: yard and garden, at location of well, Richard T. Hargrove & Lois E. Hargrove one acre

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

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

   8. The depth of water table: 10 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: depth of well 49 feet, six inch casing

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

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

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

   Signature of Owner: Richard T. Hargrove
   Date: April 26th 1963

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

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

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

Filed: June 10, 1963  
at 4:02 P.M.  

EARL WALTON  
Clerk & Recorder  

DEPUTY  

Fee $2.00 pd
Notice of Completion of Groundwater Appropriation by Means of Well

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEVELOPED AFTER JANUARY 1, 1962
(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961)

Owner: R.T. Hargrove

Address: Star Route Bozeman, Mont.

Driller: Pete drill/ing and dev.

Address: R.R.1, Bozeman, Mont.

Date of Notice of appropriation of groundwater: 3/10/69

Date well started: 3/10/69

Date completed: 3/11/69

Type of well drilled: Claybound Boulders

Equipment used: Cable tool

(Other: Driven, bored or cased)

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 Cable | Penetration
|---------------------|---------------------------|-------------
| 50' 5" 5' 1/2' 150 ft well | 15' x 4" | 0' 60' 65' |
|                      |                           |             |

Static Water Level for non-flowing well:

15 feet

Shut-in Pressure for flowing well:

Pumping Water Level...55 feet

at...30...gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Pump and Booster

Length of Test...4 hours

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

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

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

Approved Stock Form—Star Publishing Co., Helena, Montana—1961
State of Montana  
County of Gallatin
Feld: Mary 24, 1919
at 8:30 a.m.
Carl D. Gresh
County Clerk & Recorder
By Betty Rose (signature)
Deputy
Fee $2.00
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Ed Reis</td>
</tr>
<tr>
<td>Address</td>
<td>R.P.2, Bozeman, Wy</td>
</tr>
<tr>
<td>Driller</td>
<td>Van Dyken Drilling Co</td>
</tr>
<tr>
<td>Address</td>
<td>Bozeman</td>
</tr>
<tr>
<td>Date Started</td>
<td>Sept. 1, 1958</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Sept. 10, 1958</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 19, T. 3 S, R. 4 E, 1/4 sec.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Cable tools</td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic [x]</td>
</tr>
<tr>
<td>Municipal</td>
<td>[ ]</td>
</tr>
<tr>
<td>Stock</td>
<td>[ ]</td>
</tr>
<tr>
<td>Irrigation</td>
<td>[ ]</td>
</tr>
<tr>
<td>Industrial</td>
<td>[ ]</td>
</tr>
<tr>
<td>Drainage</td>
<td>[ ]</td>
</tr>
<tr>
<td>Other</td>
<td>Dairy</td>
</tr>
<tr>
<td>Casing 1</td>
<td>0 ft. to 192 ft.</td>
</tr>
<tr>
<td>Type of casing</td>
<td>Type of casing has not been specified</td>
</tr>
<tr>
<td>Casing 2</td>
<td>192 ft. to 400 ft.</td>
</tr>
<tr>
<td>Casing 3</td>
<td>400 ft. to 458 ft.</td>
</tr>
<tr>
<td>Casing 4</td>
<td>458 ft. to 500 ft.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>[ ]</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>[ ]</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>40 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>[ ]</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>15.5 feet</td>
</tr>
<tr>
<td>How tested</td>
<td>Bail</td>
</tr>
<tr>
<td>Length of test</td>
<td>1 hr</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>[ ]</td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>0 - 10</td>
<td>clay</td>
</tr>
<tr>
<td>10 - 15.5</td>
<td>clay embedded gravel and boulders</td>
</tr>
<tr>
<td>15.5 - 16.2</td>
<td>gravel, 20 ft overnite</td>
</tr>
<tr>
<td>16.2 - 17.6</td>
<td>clay (dry)</td>
</tr>
<tr>
<td>17.6 - 19.0</td>
<td>water, clean sand and gravel</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1951)

1. Name of Appropriator: F. L. Sabo
   (Address) 8 West Harrison
   (Town) Bozeman
   County of Gallatin
   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: Domestic, Garden water, Stock water, Irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 inches (0.1 cubic feet per second)

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: 100 acres - Garden, lawn

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

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

8. The depth of water table: Don't know

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: N/A

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Not available

Signature of Owner: F. L. Sabo
Date: June 28, 1973

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

Filed, June 29, 1925
at 3:37 o'clock P.M.

County Clerk & Recorder
By: 
Deputy

Fee $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Dusenberry
1 Maurice D. Dusenberry & Nancy F. of Route 2 - Box 82 Bozeman
(Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based raising crops, hay, and use as pasture for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1893- used constantly ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 miners inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 20 acres by declarants and predecessors in interest described in diagram.

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

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

8. The depth of water table...at surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...sub-irrigation of area of 20 acres.

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

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

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

Maurice D. Dusenberry
Signature of Owner  

Date December 18, 1963

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

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

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

Filed Nov. 31, 1963
at 7:05 o'clock A.M.

COUNTY CLERK & RECORDER

Fee $2

DEPUTY
Notice of Completion of Groundwater Appropriation Without Well
Developed After January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961)

| Date of Appropriation of Groundwater: May 9, 1968 |
| Owner: Maurice D. and Nancy F. Dusenberg |
| Contractor (if any): Virgil E. Ward |
| Address of Contractor: 712 S. 10th, Bozeman, Montana |
| Date Started: May 9, 1968 | Date Completed: May 15, 1968 |

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.):
   - ditch dug by dragline averaging 5 1/2 feet deep, four feet wide at bottom, 12 feet wide at top and approximately 2,000 feet in length commencing in Section 21 and ending in Section 20

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

3. Depth of water table:
   - 1 1/2 feet at head of ditch, average depth 2 1/2 feet for balance of ditch

4. Use of the water:
   - irrigation, drainage, stockwater

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

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

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

Signature of Owner: Maurice D. Dusenberg
Date: May 29, 1968

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Dusenberry
1. Maurice D., Dusenberry and Nancy F., of Route 2, Box 32, 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, 1963, as follows:

Continuous use by owners and predecessors since 1900 for
2. The beneficial use on which the claim is based: household, live-
   stock water, irrigation, domestic, agricultural

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

4. The amount of groundwater claimed (in miner's inches or gallons
   per minute): 30 gallons per minute

5. If used for irrigation, give the acreage and description of the lands
   to which water has been applied and name of the owner thereof
   [Description of lands]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
   drawal of groundwater: commenced and completed about 1900

8. The depth of water table: 6 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
   works for the withdrawal of groundwater:
   [Specifications]

10. The estimated amount of groundwater withdrawn each year: 175,000.00 gallons minimum

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

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

    [Additional information]

    Signature of Owner
    Dusenberry

    Date: December 18, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau
of Mines and Geology, and quadruplicate for the Appropriator.
Martha's Vineyard

1433

Galveston County, Tex.
State of Texas,

Filed

Mar. 31, 1923

at 9:30 o'clock A.M.

E. W. Kimball

COUNTY CLERK & RECORDED

By

D. O.

D. O.

[Signature]

[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Edward Rosenburg and Address: Rt. 2, Rosman, Montana
Oscar Rosenburg
Driller: Not available

Date of Notice of Appropriation of Groundwater

Date well started: Not available... Date Completed: Not available

Type of well: Drill
Equipment Used: Drill
(dug, driven, bored or drilled)

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole (Feet)</th>
<th>Size and Weight of Casing (Feet)</th>
<th>Drilled From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>4700'</td>
<td>4590'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: feet.

Shut-in Pressure for Flowing Well: Not known.

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

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

How Tested: Measured... Length of Test: Several minutes...
Flow is constant

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation). 1 acre

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

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

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

10788
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1963

Owner: Oscar Rosenburg
Address: Rt. 2, Rosman, Montana

Contractor (if any): none
Address of Contractor: None

Note: Spring was used by Father in 1891

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: Constant Flowing Spring

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use: 

Flow is 2 gallons each 10 seconds by actual measurement or 1.64 gallon per hour. Water is used for watering livestock year around. 

Signature of Owner: Oscar Rosenburg
Date: December 3, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Gallatin County, In.
State of Montana,

Filed Dec 20 1763
at 4:05 P.M.

Earl Bullo

COUNTY CLERK & RECORDER

By

DEPUTY

Fee $2.00 paid.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Shelby S. and Rhoda E. Brown, of Route 2, Bozeman
   - County of Gallatin, State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

   1. **The beneficial use on which the claim is based.**
      - Household and irrigation

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

   3. **The amount of groundwater claimed (in miner's inches or gallons per minute).**
      - One gallon per minute

   4. **If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof.**
      - Three acres Hidden Valley Sub-Division, Lots 37, 38, 39, Shelby S. and Rhoda E. Brown

   5. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.**
      - Electric Pump and Flood-Irrigation

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

   7. **The depth of water table.**
      - Four to ten feet

   8. **So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.**
      - Dug well, six inch tile casing, sixteen feet in depth

   9. **The estimated amount of groundwater withdrawn each year.**
      - 525,600 gallons per year

   10. **The log of formations encountered in the drilling of each well if available.**
       - Two feet of surface soil, fourteen feet of coarse gravel

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

   **Signature of Owner:**
   
   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.
1777

[Signatures and notations]

[Handwritten notes and numbers]
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 filled 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: Elvin Hauser
Address: Route 1
Bosma, Montana

Date well started: 5-6-72
Type of well: Drilled
Equipment used: Cable tool
Water Use: Domestic

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

<table>
<thead>
<tr>
<th>Estimated Annual Withdrawal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size of Drilled Hole</strong></td>
</tr>
<tr>
<td>6&quot;</td>
</tr>
<tr>
<td>17&quot;</td>
</tr>
</tbody>
</table>

**Top of Ground**: (Below sea level)
- 1 12 Coarse gravel
- 12 20 Coarse dirty gravel

**Perforations**

- Static water level: 9 ft.
- Pumping water level: 12 ft.
- at 40 gallons per minute measured 15 minutes after pumping began.

*Measured from ground level.

Well developed by **Pump & Rudder** for 2 hours.
Power: Pump: 2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: Potts Drilling and Developing
Driller's Address: Route 1, Bosma, Montana
License No.: 129

Show exact depth of bottom: 29 ft.
State of Montana
County of Gallatin
Filed March 13, 1973
By

Fee $50.00
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

MARY KUNDETT
of R. R. #2
Bozeman

County of Gallatin, 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: domestic use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:

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

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

2 wells - 1/2 h.p. electric pump for each

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

8. The depth of water table: 4 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:

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

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

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

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

Signature of Owner:
Date: December 24, 1963

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

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

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

Filed: December 27, 1963
at 11:37 o'clock M.

EARL W. HAWKINS & RECORDER
By: J. J. MARCOM
DEPUTY

Fee $0.00.
Not of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1911)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>May 9, 1968</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Mary E. Kundert and Elwin L. Kundert</td>
</tr>
<tr>
<td>Address (if any)</td>
<td>Virgil E. Ward</td>
</tr>
<tr>
<td>Address of Contractor</td>
<td>712 South 10th - Bozeman, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>May 9, 1968</td>
</tr>
<tr>
<td>Date Completed</td>
<td>May 15, 1968</td>
</tr>
</tbody>
</table>

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drain, etc.).
   - ditch dug by dragline, averaging 3 feet deep, four feet wide at bottom, 12 feet wide at top and approximately 2,000 feet in length, commencing in Section 21 and ending in Section 20

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

3) Depth of water table. 18 feet at head of ditch, average depth 26 feet for balance of ditch

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

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

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

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

Signature of Owner: Mary E. Kundert
Date: May 29, 1968

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

\[ \text{H1/86} \]
State of Montana
County of Gallatin ss.

Filed May 31, 1968 at 3:30 p.m.

Carl L. Stucky
County Clerk & Recorder

Fee $200

# 2165
Form No. 18
8-60

T. 35 R. 5E
County Gallatin
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

Water well log

Owner: Robert W. Miller  Address: Rt. 2, Bozeman, Mont.
Driller: Jones & Welding  Address: Box 31, Bozeman, Mont.
Date Started: Dec. 6, 1961  Date Completed: Dec. 7, 1961

Location: Sec. 21 T. 3 S R. 5 E 4 sec. SE4 NW4 NE3 SW4

Type of well: Drilled  Equipment used: Churn Drill

Water use: Domestic  X  Municipal  Stock  Irrigation  X

Industrial  Drainage  Other

Casing: Surface: 0 to 21 ft.  Type: Black  Size: 6 1/2 in.  O.D.  15 ft.

Casing: 21 ft. to 121 ft.  Type:  Size:

Casing: 121 ft. to 211 ft.  Type:  Size:

Perforated or screened: 0 ft. to 121 ft.  Ft. 121 ft. to 211 ft.

Type of screen or perforations: None

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

Shut-in pressure, for flowing well: 0 lb./sq. in. on:

Pumping water level: 21 ft. at 30 gal. per min.

How tested: Pump

Length of test: 1 hour

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

(over)
Log of Well

Feet

0 to 2 - Topsoil
2 to 8 - gravel
8 to 20 - gravel with clay
20 to 24 - sand
24 to 28 - fine gravel

State of Montana
Filed at 4:30 on Dec 29, 1921

M. C. White
Register

GM Sample

#578
## WATER WELL LOG

Owner: John M Roberts  
Address:  
Router: Butte, Montana  
Address:  
Date Started: June 18, 1958  
Date Completed: June 21, 1958  
Location: Sec. 21  T 3S  R 5E  

### Type of well
- Drill

### Equipment used
- Churn Drill

### Water use
- Domestic [x]  
- Municipal [ ]  
- Stock [ ]  
- Irrigation [x]  
- Industrial [ ]  
- Drainage [ ]  
- Other:  

### Casing
- Type: Std Pipe  
- Size: 6" I.D.
- Depth: 25 ft. to 35 ft.
- Other:  

### Perforated or Screened
- Depth: 25 ft. to 35 ft.
- Type: Mine

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

### Shut-in pressure, for flowing well:
- lb/sq. in. on: 

### Pumping water level:
- 25 feet at 12 gal. per min.

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

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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>Topsoil &amp; Clay</td>
</tr>
<tr>
<td>2'</td>
<td>Coarse Gravel</td>
</tr>
<tr>
<td>25'</td>
<td>Sand</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John M. Roberts
(Rossman) (Roberts) (Rossman)
County of: Gallatin
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:
   Household and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   June 18, 1956 from registered well. Flood water previous to 1910 for irrigation.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   7.76 acres. Farm land of two st. topsoil and gravel base

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Well was drilled and registered June 21, 1956

8. The depth of water table:
   Water table about 5 to 8 feet from surface with an average depth of 28 feet to hard pan

9. So far as it may be available the type, age and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Well is a drilled well 6' steel casing and is 28' in depth

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

11. The log of formations encountered in the drilling of each well if available:
    2 feet of surface soil; 23 feet of coarse gravel, and 1 foot of sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
    Well was registered at time of drilling with Montana Bureau of Mines and Geology.

Signature of Owner

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, no 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 Approprietor.