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: Klaas Heinrich
Address: 

Date well started: July 26, 1979
Completed: Aug. 16, 1979

Type of well: Drilled

Equipment used: Drill

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

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).

ESTIMATED ANNUAL WITHDRAWAL: 300,000 gal.

<table>
<thead>
<tr>
<th>Depth</th>
<th>f</th>
<th>Feet Drilled</th>
<th>Pressure (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7'</td>
<td>0</td>
<td>232</td>
<td>X</td>
</tr>
</tbody>
</table>

Static water level: 75 ft.
Pumping water level: 228 ft.

*Measured from ground level.

Well developed by Bailer for 7 hours.

Power: Pump HP

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

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

Driller’s Signature:  
Driller's Address: Route 3, Kalispell
James Will 0
P 1972

STATE OF MONTANA, I 1983
COUNTY OF FLAXMAD
Filed on the 25 day of June
A.D. 1972, at 1:45 of the clock

Clerk-Clerk and Recorder

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Albert Rambler
Driller: Clarence Plante
Date of Notice of Appropriation of Groundwater: 1962-11-1
Date well started: 1962-11-1
Date completed: 1962-11-1
Type of well: Drilled
Equipment Used: Churn

Water Use: Domestic
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>Strata</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
<td>2 feet</td>
</tr>
<tr>
<td>Gravel</td>
<td>3 feet</td>
</tr>
<tr>
<td>Clay</td>
<td>4 feet</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 66 feet
Shut-in Pressure for Flowing Well: non-flowing
Pumping Water Level: 130 feet at: 10 gal. per minute
Discharge in gal. per min. of flowing well: non-flowing
How Tested: Static
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 irrigate, if used for irrigation)

Driller's License Number: 55
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 Administrator.
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

JAN 6 1964

COCHRAN EVELYN COCHRAN
of Box 221 WHITEFISH, MONTANA.

County of FLATHEAD 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 household and livestock

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: September 1958, used for household livestock continuously since above date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 150,000 gallons per year.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner interested: no irrigation system.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump, capacity of 350 gal. per hr.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1953 July.

8. The depth of water table: 5 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 1 h.p. electric centrifugal pump, depth of well 3 feet.

10. The estimated amount of groundwater withdrawn each year: 150,000 gallons.

11. The log of formations encountered in the drilling of each well if available: concrete casing 39 ft.

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: Cochran Evelyn Cochran
Date: December 27, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
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: Otto Hovde
ADDRESS: Box 195
TOWN: Whitefish
COUNTY: Flathead
STATE OF MONTANA

I, Otto Hovde, having 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:
   Domestic use

2. Date or approximate date of earliest beneficial use; and how continuous the use has been and used since that time:
   Jan 15, 1937 and used continuously since

3. The amount of groundwater claimed (in miner's inches or gallons per minute) at least 1000 gallons a day

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

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

6. The date of commencement and completion of the construction of the well, wells, or other work for withdrawal of groundwater:
   Started Nov 25, 1953 and finished Jan 15

7. The depth of water table:
   15' below datum

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other work for the withdrawal of groundwater:
   Drilled well 1' 15' deep

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

10. The log of formations encountered in the drilling of each well if available:
    Sand - Clay 15' at 15' below datum. Not contaminated to date.
    Sand with some clay 200' of good gravel having formation

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:

Signature of Owner: Otto Hovde
Date: 12-16-63

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

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

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

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

1. **GEORGE W. DUFF**
   (Name of Appropriator)  
   of  
   (Address)  
   (Town)

   County of  
   (Town)  
   State of  

   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.

   General household and dairy use.

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been. September 1945, continuous daily use since last date.

   4. The amount of groundwater claimed (in cubic inches or gallons per minute). Continuous total use at rate of 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.

   Field and orchard adjacent to dwelling consisting of about 0.5 acres.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by use of submersible pump.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. September 1945.

   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. Deep well, 253 feet, 6 inch steel casing to 175 feet, reduced to 4 inch next 76 feet.

   10. The estimated amount of groundwater withdrawn each year. 250,000 gallons

   11. The log of formations encountered in the drilling of each well if available. From gneiss bed of light blue color with an occasional boulder. One rock eight feet in diameter at about 160 feet. Later bearing gravel up to 3 inches the last 3 feet. Very good water with little or no draw-down, hardness of 17.

   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:  

   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 Quadratiles for the Appraiser.
STATE OF MONTANA
COUNTY OF FLARIC M

Filed on the 6 day of Dec
A.D. 1923, at 12 o'clock, M

[Signature]
County Clerk and Recorder

By [Signature] Deputy
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. C. W. Kallner
   of Box 835
   Whitefish
   Flathead County
   Montana State

   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 is:

      household and stock watering

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

      June 1932; use has been continuous

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

      200 gallons per minute

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

      Not so used

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

      Pump and pipe and well

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

      June 1932

   8. The depth of water table:

      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:

      A dug well, 36 inches by 36 inches

   10. The estimated amount of groundwater withdrawn each year:

       40,000 gallons

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

       four inches of topsoil, the remainder is clay and sand, primarily 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:

       Date: October 5, 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)

1. [Name and Address of Appropriator]
   [County of Appropriator]
   [State of]

I 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:

3. Date or approximate date of project beneficial use and how continuous the use has been:

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

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

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

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:

9. So far as it may be available, the type, size and depth of each well or other means of withdrawal of groundwater:

10. The estimated amount of groundwater withdrawn each 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

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, 1933)

(Name of Appropriator) (Address) (Town) (County)

State of MONTANA

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

1. FLO: A. PAYNE of DT R. COLUMBIA FALLS

County of FLATHEAD

2. The beneficial use on which the claim is based: HOUSEHOLD, STOVE, GARDEN

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

4. The amount of groundwater claimed (in number’s inches or gallons per minute): 10 GPC

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

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

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: 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: PRESSURE PUMP

10. The estimated amount of groundwater withdrawn each year: 1000 CIC GALLONS

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

Date: 12-17-1963

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

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Alfredo Wade Walker of Flathead

County of Flathead, 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, and the amount of water used.

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

4. The amount of groundwater claimed (in miner's inches or 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.

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

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

8. The depth of water table.

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.

10. The estimated amount of groundwater withdrawn each 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: Alfredo Walker

Date: Jan. 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 Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: James C. Doyle
Address: Box 1, Whitefish, Mont.
Driller: Homer No Clarity
Address: 546-5th Ave. West, Kalispell, Montana

Date of Notice of Appropriation of Groundwater: Nov. 13, 1963
Date well started: Nov. 13, 1963
Date completed: Nov. 22, 1963

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.

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.

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.
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 to 2 ft. open hole
2 to 6 ft. dirt
61 to 118 ft. gravel
118 to 134 ft. brown

134 to 141 ft. hard packed gravel and sand

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>Kind of Dug</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (feet)</th>
<th>To (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7/00</td>
<td>6</td>
<td>148</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 60 feet

Shut-in Pressure for Flowing Well 134 feet at 8 gal per minute

Discharge in gal per min of flowing well 134 feet

How Tested: Drainage

Length of Test 3 hrs

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

All Measurements from existing ground level.

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 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)

Roy A. & Betty Jc Nock
St. l-2 Columbia Falls

County of Flathead
State of Montana

I, Roy A. & Betty Jc Nock, 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: For house, stock water, grain and beef.

3. Date or approximate date of earliest beneficial use: June 1, 1958.

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; only 50 acres garden and land. Owner the same.

6. The means of withdrawing such water from the ground and the location of each well: 173 gal. water. 40', 125 ft. well, 60 ft. north 40', 125 west Cor. road. Pump, approx. 750 ft. north 40', approx. 1250 ft. west Cor. road.

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: Front well, 14'-6". Rear well, 11'-0". Sump, 4'-0".

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

Rear well -- 50 inch screen by 150'-0" down. Sump approx. 5 ft. square by 3 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 30,000

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 needed in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner:

Dec. 20, 1962

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 Appropriate.
DUPLICATE

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)

Owner: R.E. Sherlock
Address: 111 Whitfish
Driller: R.E. Sherlock
Address: 111 Whitfish
Date of Notice of Appropriation of Groundwater: 12-27-63
Date well started: July 4-1963
Date completed: July 8, 1963
Type of well: Driven
Equipment Used: Churn
(dug, driven, bored or (Churn, drill, rotary 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Step and Weight of Casing</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 2</td>
<td>19 ft.</td>
<td>53 ft.</td>
<td>0</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 41 ft.
Shut-in Pressure for Flowing Well: 250 ft.
Pumping Water Level: 6 ft.
Discharge in gal. per min. of flowing well: 2,500 gal.

How Tested: Flowing
Length of Test: 2 Days

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)

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

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.

Original: 8-15-63
Duplicate: 0-9-23
Triplicate: 7-12-63
Quadruplicate: 7-25-63

Driller's License No.

Driller's Signature

Thi5 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.

309546
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. John Vogel
   (Name of Appropriator)
   of Route 1 Box 13 Columbia Falls
   (Address) (Town)

   County of Flathead 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:
   - For home
   - For garden
   - For livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - Earliest date: November 40
   - Constant to now

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Hand deep well
   - Chain diameter: 23 ft deep

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:
   - 23 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:
   - Hand deep well
   - Chain diameter: 23 ft deep

10. The estimated amount of groundwater withdrawn each year:
   - 300,000 gal

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: John Vogel
Date: Dec 23 1963

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER ODOR
OFFICE OF STATE ENGINEER

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

Owner: Merrill Anderson
Address: 

Driller: Weber Drilling
Address: Col. F216

Date of Notice of Appropriation of Groundwater: 

Date well started: 7-16-69  Date Completed: 7-19-69

Type of well: drilled  Equipment Used: churn

(type, driven, bored or drilled)

Water Use: Domestic  Municipal  Industrial  Drainage
Other  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>Strata Met</th>
<th>Depth</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandy Clay</td>
<td>0 ft</td>
<td></td>
</tr>
<tr>
<td>Tan Gray Clay &amp; Pebbles</td>
<td>75 ft</td>
<td></td>
</tr>
<tr>
<td>Boulders</td>
<td>85 ft</td>
<td></td>
</tr>
<tr>
<td>Brown Clay &amp; Gravel &amp; Cobble</td>
<td>90 ft</td>
<td></td>
</tr>
<tr>
<td>Coarse Sand &amp; Fine Gravel</td>
<td>105 ft</td>
<td></td>
</tr>
<tr>
<td>Water Source</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 22 feet.
Shut-in Pressure for Flowing Well: 

Pumping Water Level: 40 feet at 24 gal. per minute.
Discharge in gal. per min. of flowing well: 

How Tested: Bailled  Length of Test: 1 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) 

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

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.

Dialler's License Number
Driller's Signature: Jerome V. Weber

181

45315
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, 1963
(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: ____________________________
Address: ____________________________
File: 1957
Date well started: ________________
Date well completed: ________________
Type of well: ____________________________
Equipment used: ____________________________
Water Use: Domestic □ □ □ Stock □ Irrigation □
Industrial □ □ □ □ Garde/ Linst □
*Describe
*Usage: If used for irrigation, industrial, drainage or other. Explain,
state number of acres and location or other data (Le. Lot, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Completed Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>760</td>
<td>0</td>
<td>222</td>
</tr>
</tbody>
</table>

PERFORATIONS

Static water level: __9.0__ ft.
Pumping water level: __7.0__ ft.
Power: __________ HP
Remarks: (Gravel packing, cementing,
Packer, type of shut-off)

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

Driller's Signature: ____________________________
Driller's Address: ____________________________
LICENSE NO.: ____________________________

Show exact depth of bottom

Top of Ground

---

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.
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 attached form, the claimed water use.

Thank you.

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

- Describe any other water 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)).

<table>
<thead>
<tr>
<th>Well Number</th>
<th>Size of Well</th>
<th>Water Level</th>
<th>Flow Rate</th>
<th>Total Size</th>
<th>From (Flow)</th>
<th>To (Flow)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>700</td>
<td>292</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

Static water level: feet.
Pumping water level: feet.
Flow: gallons per minute, measured minutes after pumping began.
Power: Pump.
Remarks: (Gravel packing, cementing packers, type of shut-off)

Driller’s Address: License No.:
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: Larry Blumer
For Administrator's Use

Address: 

Date well started: Sept. 4, 1973
Date completed: Sept. 4, 1973

Type of Well: Drilled

Equipment used: Drill

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Feet (Ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7'00 C 33/4 X 7 X 7 X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 79 ft.
Pumping water level: 67 ft.
at 30 gallons per minute, measured 35 minutes after pumping began.

Measured from ground level.

Well developed by: for hours.

Power: Pump: HP

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

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

Contractor's Signature:

Contractor's Address:

License No.:
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Robert Brown
Address: Columbia Falls, MT

Driller: Charles Johnson
Address: Columbia Falls, MT

Date of Notice of Appropriation of Groundwater: July 18, 1969

Date Well Started: July 18, 1969

Date Well Completed: Aug. 19, 1969

Type of Well: Drilled

Equipment Used: Churn

Water Use: Domestic [x] 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.

Date of Notice of Appropriation of Groundwater: July 18, 1969

Date Well Started: July 18, 1969

Date Well Completed: Aug. 19, 1969

Type of Well: Drilled

Equipment Used: Churn

Water Use: Domestic [x] 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.

Static Water Level for non-flowing Well: 40 feet

Shut-in Pressure for Flowing Well: 200 feet above

Pumping Water Level: 50 feet at 20 gallons per minute

Discharge in gals. per min. of flowing well: 20

How Tested: Bailer

Length of Test: 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: Charles Johnson
Address: Columbia Falls, MT

Date of Notice of Appropriation of Groundwater: July 18, 1969

Date Well Started: July 18, 1969

Date Well Completed: Aug. 19, 1969

Type of Well: Drilled

Equipment Used: Churn

Water Use: Domestic [x] 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.

Static Water Level for non-flowing Well: 40 feet

Shut-in Pressure for Flowing Well: 200 feet above

Pumping Water Level: 50 feet at 20 gallons per minute

Discharge in gals. per min. of flowing well: 20

How Tested: Bailer

Length of Test: 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: Charles Johnson
Address: Columbia Falls, MT

Date of Notice of Appropriation of Groundwater: July 18, 1969

Date Well Started: July 18, 1969

Date Well Completed: Aug. 19, 1969

Type of Well: Drilled

Equipment Used: Churn

Water Use: Domestic [x] 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.

Static Water Level for non-flowing Well: 40 feet

Shut-in Pressure for Flowing Well: 200 feet above

Pumping Water Level: 50 feet at 20 gallons per minute

Discharge in gals. per min. of flowing well: 20

How Tested: Bailer

Length of Test: 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: Charles Johnson
Address: Columbia Falls, MT

Date of Notice of Appropriation of Groundwater: July 18, 1969

Date Well Started: July 18, 1969

Date Well Completed: Aug. 19, 1969

Type of Well: Drilled

Equipment Used: Churn

Water Use: Domestic [x] 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.

Static Water Level for non-flowing Well: 40 feet

Shut-in Pressure for Flowing Well: 200 feet above

Pumping Water Level: 50 feet at 20 gallons per minute

Discharge in gals. per min. of flowing well: 20

How Tested: Bailer

Length of Test: 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: Charles Johnson
Address: Columbia Falls, MT

Date of Notice of Appropriation of Groundwater: July 18, 1969

Date Well Started: July 18, 1969

Date Well Completed: Aug. 19, 1969

Type of Well: Drilled

Equipment Used: Churn

Water Use: Domestic [x] 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.

Static Water Level for non-flowing Well: 40 feet

Shut-in Pressure for Flowing Well: 200 feet above

Pumping Water Level: 50 feet at 20 gallons per minute

Discharge in gals. per min. of flowing well: 20

How Tested: Bailer

Length of Test: 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: Charles Johnson
Address: Columbia Falls, MT

Date of Notice of Appropriation of Groundwater: July 18, 1969

Date Well Started: July 18, 1969

Date Well Completed: Aug. 19, 1969

Type of Well: Drilled

Equipment Used: Churn

Water Use: Domestic [x] 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.

Static Water Level for non-flowing Well: 40 feet

Shut-in Pressure for Flowing Well: 200 feet above

Pumping Water Level: 50 feet at 20 gallons per minute

Discharge in gals. per min. of flowing well: 20

How Tested: Bailer

Length of Test: 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)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Clerk Enos</th>
<th>of</th>
<th>Columbus Falls</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
</tbody>
</table>

County of | State of |

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.
   
   Date: T30 @ 21

2. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   
   Has been used for only household use

3. The amount of groundwater claimed (in miner's inches or gallons per minute).
   
   None - no water used

4. If used for irrigation, give the acreage and description of the land on which water has been applied and name of owner thereof.
   
   No Irrigation

5. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   
   No record

6. The depth of water table.
   
   Depth: 18 feet (or) 12 to 30 feet above

7. The estimated amount of groundwater withdrawn each year.
   
   Don't know - need further information

8. The log of formations encountered in the drilling of each well if available.
   
   No drilling (as of yet)

9. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
   
   No record

Signature of Owner

Date: Karl M. Enos
Dec 31 1979

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 337, Montana Session Laws, 1961)

Cow T. Hazen
of R.I.B.
(Columbus Falls.

County of Flathead
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.

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

4. The amount of groundwater claimed (in miner's inches or 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.

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

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.

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.

10. The estimated amount of groundwater withdrawn each 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: 12-31-63

There 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 Appropnator.
**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 W. Frerich**, or 
   **Flathead** 
   **State of Montana**

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

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: **Household and dairy block**

3. Date or approximate date of earliest beneficial use; and how continuing the use has been: **1905**

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

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

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:
   **1954**

8. The depth of water table: **37 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:
   **Auger well 3', diameter**

10. The estimated amount of groundwater withdrawn each year: **73,000**

11. The log of formations encountered in the drilling of each well if available:
    **Blue clay and 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 to my knowledge**

Signature of Owner: **John W. Frerich**

Date: **12-29-63**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Robert L. Joy  
Address:  

Driller: Weber Drilling  
Address: Col. Falls  

Date of Notice of Appropriation of Groundwater:  
Date Well Started:  
Date Completed: 9-16  

Type of Well: Drilled  
Equipment Used: Churn  
(Churn, drill, rotary or other)  

Water Use:  
Domestic  
Municipal  
Other  
Irrigation  
Industrial  
Drainage  
Stock  

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

<table>
<thead>
<tr>
<th>Strata Met with</th>
<th>Character</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Static Water Level for non-flowing well  25 feet
- Shut-in Pressure for Flowing Well
- Pumping Water Level  9 ft at 12 gal. per minute
- Discharge in gal. per min. of flowing well
- How Tested: Bailed  Length of Test 3 hrs
- Remarks: Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, any other similar pertinent information, including number of acres irrigated, if used for irrigation

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

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.

Driller's Signature: Weber

45,824
Notice of Completion of Groundwater Appropriation by Means of Well
(under Chapter 237, Montana Session Laws, 1951)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]
Date completed: [Date]

Type of well: [Type]
Equipment used: [Type]

Water Use: [Type]

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>Depth of Well</th>
<th>Diameter of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>63'6&quot;</td>
<td>7&quot; x 00</td>
<td>0</td>
<td>17'9&quot;</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: [Depth] feet.

Shut-in Pressure for Flowing Well: [Depth] feet.

Pumping Water Level: [Depth] feet at [Rate] gal. per minute.

Discharge in gal. per min. of flowing well: [Rate].

How Tested: [Method]
Length of Test: [Time].

Remarks: [Additional information].

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.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

I, Henry A. Nelson, of Columbia Falls, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Approprietor: Henry A. Nelson
2. Address: Columbia Falls
3. Town: Columbia Falls

County of Flathead, 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:

House

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

4. The amount of groundwater claimed (in miner's inches or 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:

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

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:

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:

10. The estimated amount of groundwater withdrawn each 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: Dec 25, 62

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 Approprietor.
10, 1923

COUNTY OF PLATTE,

Filed on the 10th day of December, A.D. 1923, at 1:30 o’clock, P.M.

County Clerk and Recorder

By

Deputy
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHRIS RASMUSSEN</td>
<td>Rt. Fl B Columbia Falls</td>
<td></td>
</tr>
</tbody>
</table>

**County of Flathead**  
**State of Montana**

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

1. **CHRIS RASMUSSEN** of **Rt. Fl B Columbia Falls**  
   (Name of Appropriator)  
   (Address)  
   (Town)

2. The beneficial use on which the claim is based: **Domestic use, garden lawn and 15 head of livestock**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:**1938 and continuous ever since**

4. The amount of groundwater claimed (in miner’s inches or 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 used for personal garden and lawn.

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: **1918**

8. The depth of water table: **12 feet to top of water — well 19 feet deep**

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: **Cement curb 3 feet in diameter and 19 feet deep**

10. The estimated amount of groundwater withdrawn each year: **150,000 gallons**

11. The log of formations encountered in the drilling of each well if available:  
    **First 4 to 5 feet sandy loam, then about 3 inches of shale, and balance of way sandy loam**

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:  
**CHRIS RASMUSSEN**  
Date: **December 18, 1963**

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF NEW JERSEY
COUNTY OF HAMILTON

Filed on the 28th day of June,
A.D. 1962 at 3:30 o'clock P.M.

County Clerk and Recorder

Table

10,058
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 & Mrs. David Sm
Address Route 1-1
Columbia Falls, MT

Date well started July 5, 1971
Date well completed July 20, 1971

Type of well RAN
Equipment used [drill, driven, bored, or drilled]
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

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

ESTIMATED ANNUAL WITHDRAWAL 2,000,000 GALLONS

Top of Ground

<table>
<thead>
<tr>
<th>Depth (Ft)</th>
<th>Type of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Loamy soil</td>
</tr>
<tr>
<td>58</td>
<td>Gravelly sand</td>
</tr>
<tr>
<td>78</td>
<td>Gravel, cobble</td>
</tr>
<tr>
<td>98</td>
<td>Gravel, pebbles</td>
</tr>
<tr>
<td>108</td>
<td>Gravel, sand</td>
</tr>
</tbody>
</table>

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.

Driller’s Signature: ________________________________
Driller’s Address: ________________________________
STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 25th day of June, 1973, at 10 o'clock A.M.

By: __________________
   Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name] Address: [Address]
Driller: [Name] Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]
Date of Notice of Completion: [Date]

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Notice of Appropriation of Groundwater

Water Use: Domestic [X] 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</th>
<th>Size and Weight of Boring</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>63 1/8</td>
<td>7 1/2</td>
<td>0</td>
<td>175</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 6.0 feet.
Shut-in Pressure for Flowing Well: .70 psig.
Pumping Water Level: 20 feet at 20 gal. per minute.
Discharge in gph per min. of flowing well: non-flowing
How Tested: [Method]

Length of Test: 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)

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

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

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

41,995
**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:** Richard Stafer

**Address:** Route 40 Weed

**Date well started:** July 31, 1972

**Date well completed:** Sept. 5, 1972

**Type of well:** Drilled

**Equipment used:** Churn

**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:**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Water use</th>
<th>Depth (Ft.)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>63/8</td>
<td>7.100</td>
<td>0</td>
<td>None</td>
</tr>
</tbody>
</table>

**Static water level:** 45 ft.  
**Pumping water level:** 60 ft.  
**at:** 20 gallons per minute measured ________ minutes after pumping began.  

*Measured from ground level, Well developed by drilling for __________ hours.

**Power:** Pump __________ HP.

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

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE, EACH SMALL SQUARERepresents 40 ACRES.**

**Driller's Signature:** ____________________

Driller's Address: Columbia Falls, Mont.

**LICENSE NO:** S-5
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana State Law, 1961)

- **Owner:** Alice B. Jones
- **Address:** 123 Main St., Anytown, MT
- **Date of Notice of Appropriation of Groundwater:** Oct. 23, 1969
- **Date Well Started:** Sept. 23, 1969
- **Date Well Completed:** Sept. 29, 1969

### Field Data

- **Type of well:** Drilled
- **Equipment Used:** Churn
- **Water Use:** Domestic X, Municipal O, Other O, Irrigation O

### Water-bearing Strata

- **Strata:** Sandy loam
- **Character:** Medium
- **Depth:** 187 ft

### Well Information

- **Static Water Level for non-flowing Well:** 3.0 ft
- **Shut-in Pressure for Flowing Well:** 20 ft
- **Pumping Water Level:** 90 ft
- **Discharge:** 15 gal per minute
- **How Tested:** Baller
- **Length of Test:** 2 hrs

### 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.

### Diagram

[Diagram of well location and water-bearing strata]

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

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, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank W. West of Rt 13 Columbia Falls
   (Name and Address)
   County: Flathead
   State: Montana

2. The beneficial use on which the claim is based: Household, garden, lawn & dock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1949 and continuously

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 5 gpm 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: 40 acres garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 1949 – July 1949

8. The depth of water table: 25 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: Dug well, 30 ft. round casing and 30 ft. deep

10. The estimated amount of groundwater withdrawn each year: 150,000 gal. per year

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

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: Non Applicable

Signature of Owner: Frank W. West
Date: Dec 17, 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.