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.

STATE OF MONTANA
FISH AND GAME DEPT.
Address HELENA
MONTANA

Date well started 6/3/72
Type of well Drilled
Equipment used Rotary
Water Use: Domestic Municipal Stock Irrigation Industrial Drainage Other Garden/Lawn

*Describe Fishing access site.

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>Down (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Pipe</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8&quot; 65/8&quot;</td>
<td>0</td>
<td>38</td>
<td>1/8&quot; 1 5/8&quot;</td>
<td>33</td>
<td>38</td>
<td></td>
</tr>
</tbody>
</table>

Static water level .8' ft.
Pumping water level .33' ft.
at 100 gallons per minute measured 2 minutes after pumping began.
*Measured from ground level.
Well developed by Air for 4 hours.
Power: Pump.
Remarks: Gravel packing, cementing; packs, type of shutoff.

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Bottom 6' of well is gravel packed with 1' gravel for sand control.

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

Driller's Signature
Driller's Address

LICENSE NO.

49524

Show exact depth of bottom
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred & Beth Haug, of Hoffman Route, Livingston

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfred &amp; Beth Haug</td>
<td>Hoffman Route, Livingston</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Park</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Name</td>
</tr>
<tr>
<td>2.</td>
<td>Beneficial use on which the claim is based</td>
</tr>
<tr>
<td>3.</td>
<td>Date or approximate date of earliest beneficial use; and how continuous the use has been in constant use since</td>
</tr>
<tr>
<td>4.</td>
<td>Amount of groundwater claimed (in miner's inches or gallons per minute)</td>
</tr>
<tr>
<td>5.</td>
<td>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>
</tr>
<tr>
<td>6.</td>
<td>The means of withdrawing such water from the ground and the location of each well or other means of withdrawal</td>
</tr>
<tr>
<td>7.</td>
<td>Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</td>
</tr>
<tr>
<td>8.</td>
<td>Depth of water table</td>
</tr>
<tr>
<td>9.</td>
<td>Type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater</td>
</tr>
<tr>
<td>10.</td>
<td>Estimated amount of groundwater withdrawn each year</td>
</tr>
<tr>
<td>11.</td>
<td>Log of formations encountered in the drilling of each well if available</td>
</tr>
<tr>
<td>12.</td>
<td>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</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S.E.</th>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>9-E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>4-3</td>
<td>9-E</td>
<td></td>
</tr>
</tbody>
</table>

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

- Date of commencement: 1930
- Date of completion: 1930
- Depths: 25 feet
- 10,000 gallons per year
- Not applicable, except for garden
- Electric pump
- Located between house and barn

<table>
<thead>
<tr>
<th>Name of Owner</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfred &amp; Beth Haug</td>
<td><em>Signature</em></td>
<td>Dec. 27, 1963</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.
Doc. # 97874

Noted this 27th day of December, A.D. 1963

MARGARET MONCADA
County Clerk and Recorder.

JAMES BOWERS
Deputy

Acc $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)

1. Josephine Welton, of R. R. #3, Walsall, 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 Stock use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1905. Periodically to 1910 - none since then.

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. Household and Stock.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1905.

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. Dug well = 15 feet deep.

10. The estimated amount of groundwater withdrawn each year. None right now.

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

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

Signature of Owner: Josephine Welton
Date: December 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.
Dec 21 1919
Filed this 27th day
November A.D. 1919
II 45 P.M.
Margaret Manual
County Clerk and Recorder
By
Dec 21 1919
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: Mrs. O. Ommundsen
   Address: of Hoffman Route
   Town: Livingston
   County: ___
   State: Montana
   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:
   Water well, household, livestock, garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Approx 1926, continuous use

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:
   SW 1/4 NE 1/4, Sec. 29, T. 44 N, R. 9 W

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: January 1928 - May 1934

8. The depth of water table: 25 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:
   Head dug well, 3 feet by 6 feet, concrete cased, 34 feet deep, Electric pump

10. The estimated amount of groundwater withdrawn each year: 1,500,000 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 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Churn drill</td>
</tr>
<tr>
<td>Municipal</td>
<td>Rotary</td>
</tr>
<tr>
<td>Stock</td>
<td>Other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Casing: 0 ft. to 136.8 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Type: Cement, Size: P.E.</td>
</tr>
</tbody>
</table>

| Type of screen or perforations | Static Water level, for non-flowing well: 100 feet. |
|=================================|-----------------------------------------------------|
|                                 | Shut-in pressure, for flowing well: 100 lb/sq. in. on: (date) |
|                                 | Pumping water level: 10.5 feet at 3.1 gal. per min. |
|                                | How tested: Boiler                                     |
|                                | Length of test: 1 ft.                                 |

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 137</td>
<td>All sand, gravel, rounded gravel</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: M. M. Herbert
Address: 490 Ivy Lane, Helena, Montana

Driller: J. D. Lane
Address: Billings, Montana

Date of Notice of Appropriation of Groundwater

Date well started: 1-13-71
Date Completed: 2-26-71

Type of well: Drilled
Equipment Used: Rotary
(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>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Flow (gpm)</th>
<th>To (foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17/8&quot;</td>
<td>6 1/2&quot; x 19#</td>
<td>1-</td>
<td>50</td>
</tr>
<tr>
<td>PERFORATIONS</td>
<td>open bottom</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 14 feet.
Shut-in Pressure for flowing Well: N.A.
Powering Water Level: 20 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well: N.A.
How Tested: BAIL
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) WELL PACKED

N 1 2 3 4 5 6
S 1 2 3 4 5 6 7
E 1 2 3 4 5 6 7
W 1 2 3 4 5 6

Driller's License Number: 733
Driller's Signature: J. D. Lane

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

OWNERS: A.O. Ashen
Address: Bozeman, Montana

Driller: R. G. Potter Drilling
Address: Route 2, Big Horn

Date of Notice of Appropriation of groundwater: 4-24-65
Date completed: 5-3-65

Type of well: Drilled
Equipment used: Rotary drill (Cementing, packers, type of shut-off)

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: Bell

Length of Test

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

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

(Continue on reverse side)

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

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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
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: HARRY DAUM
Address: LIVINGSTON, MONTANA

Date well started: 11/4/71
completed: 12/14/71
Type of well: Drilled
Equipment used: Cable tools

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 Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kinds of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8&quot;</td>
<td>0.45</td>
<td>0</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Size (Inches)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>50</td>
<td>72</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 34 ft.*
Pumping water level: 38 ft.*

*Measured from ground level:
Well developed by surging for 6 hours.
Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Drill cuttings shutoff outside of casing from 0 ft. to 60 ft.

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

Driller's Signature: ________________________________
Driller's Address: VAN DYKEN DRILLING CO.

BOZEMAN, MONTANA LICENSE NO. 1

Show exact depth of bottom: 50.050
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard N. Allen, of Livingston, Mont.
   (Name of Appropriator) (Address) (Town)

   County of Park 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 Stock Water and Yard and Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: January 1, 1912 Continuous use

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

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

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: December 3, 1911, started, and finished January 1, 1912

8. The depth of water table: 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well is 60 ft. deep, pumped from well into 1 3/4" pipe to 300 gallon pressure tank

10. The estimated amount of groundwater withdrawn each year: 800,000 gallons

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

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

Date

December 31, 1962

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and quadriplicate note for the Appropriator.
No visible text on the page.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Tony Fedich of Jefferson, Route Livingston (Address)
County of Wash 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: gardening, livestock watering, etc.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2.5 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.

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, or other works for withdrawal of groundwater: 1963

8. The depth of water table: Twenty feet to type of water

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

10. The estimated amount of groundwater withdrawn each year: 147,000 gal

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: None

Signature of Owner Tony Fedich
Date 1/30/1963

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 Appropiator.
Doc. # 98628

Filed this 30th day of

Dec. A.D. 1863

Marquard

County Clerk and Recorder
By Deputy

[Signature]

[Stamp]
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description</th>
<th>Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>612</td>
<td></td>
<td>Sandstone</td>
<td></td>
</tr>
<tr>
<td>612</td>
<td>1268</td>
<td></td>
<td>Limestone, Sandstone</td>
<td></td>
</tr>
<tr>
<td>1268</td>
<td></td>
<td></td>
<td>Sandstone, Limestone</td>
<td>Water 47-68</td>
</tr>
</tbody>
</table>

...
## Water Well Log

### Owner
- **Name:** Melvin Mitchell
- **Address:** Livingston

### Driller
- **Company:** Van Dyken Drilling Co.
- **Address:** Bozeman

### Dates
- **Date Started:** November 13, 1960
- **Date Completed:** November 15, 1960

### Location
- **Sec:** 10
- **T:** 4S
- **R:** 9E
- **1/4 sec. NE**

### Well Information
- **Type of Well:** Drilled
- **Equipment Used:** Cable tools
- **Casing:**
  - **Type:** Prime Steel
  - **Size:** 6 5/8" O.D. 17 1/2 P.E.

### Water Use
- **Domestic:** ✓
- **Industrial:** □
- **Municipal:** □
- **Stock:** □
- **Irrigation:** □
- **Other:** □

### Casing Details
- **Casing:** 0 ft. to 55 ft.
- **Type:** Prime Steel
- **Size:** 6 5/8" O.D. 17 1/2 P.E.

### Perforations
- **Perforated or Screened:**
  - **Type:**
  - **Size:**

### Water Levels
- **Static Water Level:** 30 feet
- **Shut-in Pressure:**
  - **For Flowing Well:**
  - **Pumping Water Level:** 3 feet at 40 gal. per min.
- **How Tested:** Bailer
- **Length of Test:** 1 hour

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

---

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 To 5</td>
<td>Top Soils</td>
</tr>
<tr>
<td>5 To 54</td>
<td>Sand and gravels</td>
</tr>
</tbody>
</table>
WATER WELL LOG

Owner: Andrew M. & Aggie C. Halverson
Driller: Van Dyke
Address: Manhattan, Mont.
Date Started: About 1944
Date Completed: About 17 yrs. ago
Location: Sec. 1, T. 45 S. R. 9 E., 1/4 sec. 11 SE. 1/4 NE. 1/4

Type of well: Drilled 168 ft. Deep
Equipment used: Don't know

Water use: Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]

Casing: 4" Type Screened [ ] Perforated [x]

Static Water level, for non-flowing well: Don't know
Shut-in pressure, for flowing well: [ ] lb./sq. in. on: [ ] (date)
Pumping water level: feet at 5 gal. per min.

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pert Van Dyke Drilling Co.</td>
</tr>
<tr>
<td></td>
<td>403 E. Villard St.</td>
</tr>
<tr>
<td></td>
<td>Bozeman, Mont.</td>
</tr>
</tbody>
</table>

I have written to this party to ascertain whether he was the well driller but have had no response.
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: G.E. Garland  For Administrator's Use
Address: Livingston, Montana  File: 135477

Date well started: drilled 8/28/72 9'29 9'03

Type of well: Drilled (Dug, driven, bored or drilled)
Equipment used: Cable tool (Chisel drill, rotary or other)
Water Use: Domestic ☐  Municipal ☐  Stock ☐  Irrigation ☐
Industrial ☐  Drainage ☐  Other ☐  Garden/Lawn ☐

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td>20</td>
<td>613</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>37</td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Signature: [Signature]
Driller's Address: [Address]

LICENSE NO: [License Number]

Show exact depth of bottom 51' 984
05677

Filed the 25th May

September 3, 1975

8:45

Margaret Deming
County Clerk and Recorder

Definiy

$2.80
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Lester Mitchell
of Hoffman Rd, Livingston
County of Park
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:

2. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   very continuous since 1947

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

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:
   garden and yard

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 works for withdrawal of groundwater:
   1949

7. The depth of water table:
   2.7'

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:
   drilled well, 6' casing, 43' deep

9. The estimated amount of groundwater withdrawn each year:
   5 million

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

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:

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.
Filed this 21st Day of January A.D. 1862

10:55 a.m. (M)

James Monnens
County Clerk and Recorder.

By: Betty Jane Lee
Deputy.

Jan 8, 1905
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: M.S. Ricci  Address: Pinetree Rd.
Driller: J.A. Mottley  Address: Big Timber, Mont.
Date well started: Jan. 11, 1966  Date Completed: Jan. 26, 1966.

Type of well: Drilled  Equipment Used: Rotary
(diag., driven, bored or drilled)

Water Use: Domestic X  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 Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/4&quot;</td>
<td>4 1/4&quot; D. I.D. 1 FT.</td>
<td>108'</td>
<td>108'</td>
<td>4&quot; x 1/4&quot;</td>
</tr>
<tr>
<td></td>
<td>4 1/4&quot; O.D. Above</td>
<td>108'</td>
<td>128'</td>
<td>5/8&quot; x 5/16&quot;</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 100 feet.
Shut-in Pressure for Flowing Well: 125 Feet.
Pumping Water Level: 105 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well: 12.

How Tested: Air Compr. Length of Test: 4 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.)

Driller's License Number: 32
Driller's Signature: James A. Mottley

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.
Top of Ground

(Elev. above sea level)

0 - 2 Sand Rock
2 - 22 Rock
22 - 39 Sand and Clay Rock
39 - 40 Clay & Rock
40 - 41 gravel & sand

Bottom of well

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: M. A. Ricci
Address: Livingstone

Driller: Harold M. Wood
Address: P. T.vvm.

Date of Notice of Appropriation of Groundwater: July 1, 1964

Date well started: July 1, 1964

Type of well: Drilled

Equipment Used: (Churn, drill, rotary or other)

Water Use: Domestic □ Municipal □ Other □ Irrigation □

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>Hole</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>REFRIGERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>6&quot; x 0&quot; D</td>
<td>19.4</td>
<td>41</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 8.4 feet.

Shut-in Pressure for Flowing Well: 

Pumping Water Level: 2.0 feet at 1/4 gal. per minute.

Discharge of water per min. of flowing well: 

How Tested: 

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.

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.
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Hoffman R.</td>
</tr>
<tr>
<td>Driller</td>
<td>M. &amp; J. Ke.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Nov 11-41</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Dec 2-61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 12 T 4s R 4c 1/4 sec 51/4 24n</td>
</tr>
<tr>
<td>Type of well</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Chicago Indep</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, Industrial, Drainage, Stock</td>
</tr>
<tr>
<td>Casing:</td>
<td>Surface ft. to 100 ft.</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Holes to Holes to ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td></td>
</tr>
<tr>
<td>Pumping water level</td>
<td>161 ft at 1 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Pump.</td>
</tr>
<tr>
<td>Length of test</td>
<td>2 hours</td>
</tr>
<tr>
<td>Remarks</td>
<td>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</td>
</tr>
</tbody>
</table>

(over)
Dec. 6, 1935

[Handwritten text may be present here.]

[Signature]

[Title]

[Handwritten text may be present here.]

[Signature]
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: Heritage Realbrand Corporation
Address: 4001 Stinson Blvd. N.E., Suite 224, Minneapolis, Minn. 55421

Date well started: GW 1
Completed: 1971

Type of well: [ ] Drill [ ] Drive [ ] Bore [ ] Drilled

Equipment used: [ ] Chum drill [ ] Rotary [ ] Other

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Site of Drilling</th>
<th>Site and Date of birthday</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Well 1</td>
</tr>
</tbody>
</table>

Static water level: 27 ft.

Pumping water level: 14 ft.

Pumping at: 15,000 gallons per minute, measured 15 minutes after pumping began.

*Measured from ground level.

Well developed by: 120 hours.

Power: 5.5 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: [Signature]

Driller's Address: [Address]

LICENSE NO. [License No.]

Show exact depth of bottom
**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.

---

** HERITAGE LAND AND RANCH CORPORATION**
For Administrator’s Use

**Address**
4001 Stinson Blvd. N.E.
File

**Date well started**
Nov. 13, 1970

**Date well completed**
Nov. 13, 1970

**Type of well**
Drilled

**Equipment used**
Cable Tool

**Water Use**
Domestic  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>Depth of ( f )</th>
<th>Size and Weight of Cage</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>%g (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>25/2</td>
<td>0/0</td>
<td>19.5</td>
<td>16</td>
<td>2 above</td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level 27 ft.

Pumping water level 54 ft.

Power: Diesel, 3/4 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.**

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 Sec.</td>
<td>1/2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T. 41 N. R. 32 E</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Driller’s Signature**

**Driller’s Address**

---

**COUNTY**

**DRILLER’S LOG**

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

---

**LICENSE NO.**
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:

Heritage Holdmark Corporation

Address:

4001 8th Ave., N.E.

Suite 214

Minneapolis, Minn. 55411

Date well started

06-24-79

Date well completed

08-23-79

Type of well

Table Driven

Equipment used

Chisel bit

Water Use:

Domestic

Municipal

Stock

Industrial

Drainage

Other

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

44,000

Top of Ground

![Top of Ground Diagram]

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Under</th>
<th>Above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. above</td>
<td>0</td>
<td>27</td>
</tr>
<tr>
<td>Ft. below</td>
<td>27</td>
<td>70</td>
</tr>
</tbody>
</table>

![Perforations Diagram]

<table>
<thead>
<tr>
<th>Perforations</th>
<th>Depth Below</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone 1</td>
<td>0-27</td>
<td>2</td>
</tr>
<tr>
<td>Zone 2</td>
<td>27-70</td>
<td>2</td>
</tr>
</tbody>
</table>

![Static Water Level Diagram]

<table>
<thead>
<tr>
<th>Static Water Level</th>
<th>7 ft.</th>
</tr>
</thead>
</table>

![Pumping Water Level Diagram]

<table>
<thead>
<tr>
<th>Pumping Water Level</th>
<th>35 ft.</th>
</tr>
</thead>
</table>

![Water Flow Rate Diagram]

<table>
<thead>
<tr>
<th>Water Flow Rate</th>
<th>15 gal. per minute</th>
</tr>
</thead>
</table>

Driller's Signature: [Signature]

Driller's Address: [Address]

LICENSE NO.

211697
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Raymond J. Shortell, of Whitman Rte, St. Regis, Montana
(Address) (Town)
County of Clark 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
   (Specify)

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 16 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
   (Specify)

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

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

8. The depth of water table...
   (Specify)

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...
   (Specify)

10. The estimated amount of groundwater withdrawn each year...
    (Specify)

11. The leg of formations encountered in the drilling of each well if available...
    (Specify)

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...
    (Specify)

Signature of Owner: Raymond J. Shortell
Date: December 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 Appropriate.
Said the 17th day of
December 1869
10:55 a.m.

Wm. B. Mann
County Clerk and Recorder.

Clymer Bevere
Debt $2,000
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

State of Montana

Fish and Game dept. Address: Helena, Mont.

Driller: VAN Dyken Drilling Co. Address: Bozeman, Mont.

Date of Notice of appropriation of groundwater: None

Date well started: Dec. 23/66 Date completed: Dec. 28/66

Type of well: Drilled Equipment used: Cable tools

Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Ground

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.

Well located at MALLARDS REST.

<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>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot;</td>
<td>0&quot;</td>
<td>32&quot;</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 1916' feet

Shut-in Pressure for Flowing Well None

Pumping Water Level 2216' feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well None

How Tested: Booster

Length of Test: 2 Hrs.

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

Top 11' is cement grouted in outside of 6" casing.

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.

LICENSE NO. 1

Driller's License Number

Driller's Signature

Bert Van Dyken


12:30 p.m. 10/24 204 of
Sept. 4th, 1968
8:00 a.m.

Margaret Sherwood
County Clerk and Recorder.

Deputy
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER RIGHTS  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1951)

1. Mary E. and Clyde J. Sullivan, of Hoffman Route, Livingston  
   (Name of Appropriator) (Address) (Town)

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: Use of well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Purchased property in 1954. Used since and before for stock & household use.  
   Exact date of first beneficial use: Unknown.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 GPM 3 to 5 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 None.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Unknown - years prior to 1954.

8. The depth of water table: Approx. 40 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: Drilled well, power pump with 3" plunger, 6" casing, drilled to 160 feet pressure flow.

10. The estimated amount of groundwater withdrawn each year: Unknown.

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

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

Signature of Owner: Clyde J. Sullivan

Date: July 29, 1965

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)

STATE ENGINEER

1. J. L. Summers
   (Name of Appropriator)
   Hoffman Route, Livingston
   (Address) (Town)

   County of Park
   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
      ________________________________
      Stockwater, Household, lawn irrigation

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      15 gal 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
      ________________________________
      Lawn Irrigation

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

   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
       71,000,000 gal per year

   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
       None

   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.
Dec. 9, 1969

Filed this 20th day of December A.D. 1969
at 2:20 o'clock P.M.

Margaret Womack
County Clerk and Recorder.

By: Patricia Williams
Deputy.
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: Grinn Malcolm  
Address:  
Livingston, Montana  

Date well started:  
Type of well: [ ] Dug, [ ] Driven, [ ] Bored, [ ] Drilled  
Equipment used: [ ] Chum drill, [ ] Rotary, [ ] Other  
Water Use: [ ] Domestic, [ ] Municipal, [ ] Stock, [ ] Irrigation, [ ] Industrial, [ ] Drainage, [ ] Other, [ ] Garden/Lawn  
*Describe  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).  

ESTIMATED ANNUAL WITHDRAWAL  

<table>
<thead>
<tr>
<th>Size of Water Well</th>
<th>Size of Casing (Feet)</th>
<th>Depth of Casing from Ground Level (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9&quot;</td>
<td>6</td>
<td>Static water level (feet)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Pumping water level (feet)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>measured 15 minutes after pumping</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>at 10 gallons per minute</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>measured 15 minutes after pumping</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>measured 15 minutes after pumping</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Power Pump HP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level:  
Pumping water level:  
*Measured from ground level. 
Well developed by:  
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:  

LICENSE NO.  

Show exact depth of bottom:  

[Diagram and grid showing well location]
211974.

pinned this 10 day of
December A.D. 1970

3:10

Plumber, Plumber

Cuddy Clark and associates

Feb 7th

Delivered
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1941)

1. Mrs. O. Commane, Hoffman Route, Livingston

(Name of Appropriator) (address) (Town)

County of Park 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

Water Well for Household use and lawn

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

April 1938 and Continuous use

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

Wheat and Surroundings of House, Approx. one acre in SW NE Sec. 27, T 48, R 9E,

by owner Mrs. O. Commane

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

April 1958 - April 1958

8. The depth of water table

36 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

60 feet deep, 6 inch iron casing and electric pump

10. The estimated amount of groundwater withdrawn each year

1,300,000 gal per year

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

Gravel and occasional sand and grit beds. No measurements available

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

None

Signature of Owner

Date December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
# 98216

Filed the 31st day of December 8, 1963
at 2:54 P.M.

Franklin M. McCall
County Court Register

Ebenezer Bowles
Sec. $2.00
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Howard and Camilla June Hatchkiss

1. Name of Appropriate: Howard and Camilla June Hatchkiss
   Name of Appropriate: Howard and Camilla June Hatchkiss
   Address: Huffman Route, Livingstone
   Town: (Address)
   State of Montana

   County of Park

   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:
      a. Livestock and household
      b. Livestock and rural school

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      a. Continuous since about 1910
      b. Continuous since approx. 1945

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
      None

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      a. Electric pump, approximately 300 ft east of NE corner of SE 1/4 of NE 1/4
      b. Approx. 50 feet east of NE corner of NE 1/4

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

   8. The depth of water table:
      30 ft for a. and b.

   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:
      72 feet deep

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

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

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

   Signature of Owner: Howard Hatchkiss
   Date: Dec. 30, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
98016
Filed the 30 day of
December A.D. 1869

1:35 p.m.

Margaret McMullan,
County Clerk and Recorder.

[Signature]

fe 500

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

Owner: Larry McCandliss
Address: Livingston
Driller: T.E. Jones
Address: Bozeman

Date of Notice of Appropriation of Groundwater: December 31, 1969
Type of Well: Churn Drill
Equipment Used: (Churn, drill, rotary or bored)
Water Use: Domestic □, Industrial □, Irrigation □, Other □, 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: 82 feet.
Shut-in Pressure for flowing Well: 77 feet at 25 gal. per minute.
Discharge in gal. per min. of flowing well: 174 gal.
How Tested: Pumps
Length of Test: 1 Hour

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

Driller's License Number
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.
WATER WELL LOG

Owner: [Name]  Address: [Address]
Driller: [Name]  Address: [Address]
Date Started: March 1933  Date Completed: April 1933
Location: Sec. 26, T. 47 S., R. 96 W., 4th P.

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

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

Casing: [36] ft. to [210] ft.  Type: [ ]  Size: [ ]

Perforated or Screened: [ ]

Static Water level, for non-flowing well: [ ] feet

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

Pumping water level: [ ] feet at [ ] gal. per min

How tested: [ ] with pump

Length of test: [ ] hours

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-20</td>
<td>soil sandy</td>
</tr>
<tr>
<td>20-36</td>
<td>gravel and indurated</td>
</tr>
</tbody>
</table>
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.

STATE OF MONTANA FISH AND GAME DEPT.

Address

HOLLY, MONTANA

Date well started

6/8/71

Date well completed

6/9/71

Type of well

Drilled

Equipment used

Rotary

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>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8&quot;</td>
<td>6 5/8&quot;</td>
<td>1/8&quot;x5&quot;</td>
<td>37</td>
<td>41</td>
</tr>
</tbody>
</table>

Static water level 4 ft.
Pumping water level 35 ft.
at 110 gallons per minute, measured 2 minutes after pumping began.

*Measured from ground level.

Well developed by air for 6 hours.

Power: Pump: HP

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

Top 10' of casing is grouted in to formation.

Bottom 6' of well in gravel packed with 8' gravel for sand control.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

Each small square represents 40 acres.

Driller's Signature

DOZER, MONTANA

Driller's Address

LICENSE NO. 1

WELL NO. 2 A

LOCATION OF FISHING ACCESS SITE.

3 10' Coils.

3 18 Course gravels, and 1 large boulders.

18 16 Claybound sand and gravels, Some boulders.

1 11 Very fine to coarse silty sand. Water.

Show exact depth of bottom

495.25
Filed this 2nd day of December in 1924.

Maggie Sherrod
County Clerk and Recorder

[Signature]