<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>805-23</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-41</td>
<td>Same as above</td>
</tr>
<tr>
<td>5</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-59</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-68</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-22</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>810-58</td>
<td>Copy of file</td>
</tr>
<tr>
<td>9</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-34</td>
<td>Same as above</td>
</tr>
<tr>
<td>10</td>
<td>U.S. Agnc.</td>
<td>Lw4</td>
<td>807-37</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>809-41</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>U.S. Dept. of Agnc.</td>
<td>Lw4</td>
<td>807-45</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>U.S. Dept. of Agnc.</td>
<td>Lw4</td>
<td>807-45</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>U.S. Dept. of Agnc.</td>
<td>Lw4</td>
<td>807-45</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-37</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-37</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-37</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>U.S. Dept of Agnc.</td>
<td>Lw4</td>
<td>807-37</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

<table>
<thead>
<tr>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based. Stock water for domestic livestock and wildlife.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1927 - continuous use.

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.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Natural spring developed with tile and 2 inch metal pipe.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1927.

8. The depth of water table. One foot at point of development.

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. 15 feet of tile approximately one foot below ground.

10. The estimated amount of groundwater withdrawn each year. 40 acre feet.

11. The log of formations encountered in the drilling of each well if available. No well.

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.

Four Corners Spring Development,
U.S. Dept of Agriculture Forest Service
Signature of Owner. Paul Appelhain
Date Sep 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FOREST SERVICE, U.S. DEPARTMENT OF AGRICULTURE

(Name of Appropriator)
(Address)
(Town)

County of Silver Bow
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: Stock water
   for domestic stock and wildlife

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Two quarts 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:
   Non-applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Treated timber box, plastic pipe and steel tank - Gravity flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1925

8. The depth of water table: One foot at point of development

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:
   Non-applicable

10. The estimated amount of groundwater withdrawn each year: One acre foot

11. The log of formations encountered in the drilling of each well if available: No well

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: 

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.
FILED FOR RECORD

October 3, 1963

at 30 minutes past 10 o'clock

P.M. AGNA QUIGLEY

County Recorder

Paul McCord

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

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

County of Silver Bow
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. **Stock water**
   for domestic, stock and wildlife

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **1933 to present time**
   used year long

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. **Not applicable**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. **Tubed timber box, plastic pipe, steel tank**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **1933**

8. The depth of water table. **One foot at point of development**

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. **Tubed timber box, plastic pipe, steel tank**

10. The estimated amount of groundwater withdrawn each year. **One-half acre foot**

11. The log of formations encountered in the drilling of each well if available. **No well**

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. **Known Cottonwood Mtn. 52**

Signature of Owner. **Paul A. Hocken**

Date: November 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)

1. Forest Service, U.S. Dept. of Agriculture, of (Name of Appropriator)
   (Address) (Town)
   County of Silver Bow 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. **Stock Water for domestic stock and wildlife.**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **1929 to present time**

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

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

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

   **Wood box, steel pipe, wood trough.**

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **1929.**

   8. The depth of water table. **One foot at point of development.**

   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.

   **Wood box, wood trough and steel pipe.**

   10. The estimated amount of groundwater withdrawn each year. **Zero acre feet.**

   11. The log of formations encountered in the drilling of each well if available. **No well.**

   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.

   **Name: Cottonwood Mtn. 21.**

Signature of Owner. 

Date: November 22, 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.
FILED FOR RECORD

November 27, 1963
at 28 minutes past 10 o'clock

A.M. ANNA QUIGLEY

In the Township of

+082

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

<table>
<thead>
<tr>
<th>Forest Service, U.S. Department of Agriculture</th>
<th>Suite</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address) (Town)</td>
</tr>
</tbody>
</table>

County of Silver Bow 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: Stock water for domestic stock and wildlife

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1953 to present time

4. The amount of groundwater claimed (in miner's inches or gallons per minute): One quart 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: 1953

8. The depth of water table: One foot at point of development

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: One-half acre foot

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:

Names: Berrel Springs

Signature of Owner: Paul Hocking

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.
Notice of Completion of Groundwater Appropriation

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: November 27, 1963
Owner: [Name]
Address: [Address], Montana
Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: [Date]
Date Completed: [Date]

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes": Include depth to water when applicable. A 3 ft. deep, 15 ft. long, 3 ft. deep, going to a treated-plastic box, 3 ft. x 3 ft. x 2 ft. deep, 150 ft. of 3/4" plastic pipe 1 ft. under ground, going to a 500 gallon steel tank.

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grid No. 1

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

Water per minute: [Amount]
Year round use: [Amount]

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

Date of Completed:

[Signature of Owner]

Date:

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Appropriation of Groundwater
(under Chapter 237, Montana Session Laws, 1961)

1. Forest Service, U.S. Dept. of Agriculture
   (Name of Appropriator) of ____________________________ Date
   (Address) (Town) County of ____________________________
   State of ____________________________ intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is ____________________________
   (describe lands to be benefited, if for irrigation)

3. The rate of use in galls per minute or miner’s inches of groundwater claimed
   One gallon per minute

4. The annual period (inclusive dates) of intended use ____________________________

5. The probable or intended date of first beneficial use ____________________________

6. The probable or intended date of commencement and completion of the well* or wells* November 15, 1963 - December 1, 1963

7. The location, type, size and depth of well or wells contemplated
   Deep in bottom of a draw

8. The probable or estimated depth of the water table or artesian aquifier 4 feet

9. Name, address and license number of the driller engaged ____________________________

10. Give such other similar information as may be useful in carrying out the policy of this act. Laying a tile

     16 ft. to 20 ft. long, 3 ft. deep, to a
     treated plank box, 3' x 3' x 2' deep.
     150 ft. of 1½” plastic pipe 1’ under
     ground going to a 500 gallon steel tank.

     Basin # 3

U.S. Dept. of Agriculture, Forest Service, by: ____________________________

Signature of Appropriator ____________________________ Date November 27, 1963

As defined in the Code Sec. 1 (c) “Well” means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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

Forest Service, U.S. Dept. of Agriculture...Butte
(Name of Appropriator) (Address) (Town)

County of Silver Bow 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...
   Stock water...for domestic, stock and wildlife.

2. The date or approximate date of earliest beneficial use; and how continuous the use has been...
   1930...to present time...used year long.

3. The amount of groundwater claimed...
   In miner's inches or gallons per minute...three quarts per minute.

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

5. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
   1930

6. The depth of water table...
   One foot at point of development

7. The depth of water table...
   Wood trough, steel pipe, and wood trough

8. The estimated amount of groundwater withdrawn each year...
   One and one-half acre feet

9. The log of formations encountered in the drilling of each well if available...
   No well

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

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.
FILLED FOR RECORD
November 27, 1963
at 36 minutes past 10 o'clock

M. ANNA QUIGLEY
County Recorder

[Signature]
Deputy
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>U.S. Dept. of Agriculture, Forest Service,</th>
<th>P.O. Box 1945</th>
<th>Butte,</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Appropriator</td>
<td>Address</td>
<td>Town</td>
</tr>
<tr>
<td>County</td>
<td>State of</td>
<td></td>
</tr>
<tr>
<td>Silver Bow</td>
<td>Montana</td>
<td></td>
</tr>
</tbody>
</table>

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

1. **The beneficial use on which the claim is based:** For domestic stock and wildlife

2. **Date or approximate date of earliest beneficial use; and by continuous the use has been:** 1925 - continuous use

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

5. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:** Natural spring developed

<table>
<thead>
<tr>
<th>NE</th>
<th>NW</th>
<th>Sec.</th>
<th>T</th>
<th>R</th>
<th>ST</th>
<th>H/P</th>
<th>W</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:** 1925

8. **The depth of water table:** Surface at point of development

9. **The log of formations encountered in the drilling of each well if available:** No well

10. **The estimated amount of groundwater withdrawn each year:** 20 Acre Feet per year

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:** Log Trough Spring

<table>
<thead>
<tr>
<th>U.S. Dept. of Agriculture, Forest Service,</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature of Owner</td>
</tr>
<tr>
<td>J. D. Smith</td>
</tr>
<tr>
<td>Date: 10-22-63</td>
</tr>
</tbody>
</table>

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

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

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

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

For—Forest Service, U.S. Dept. of Agriculture—of Butte
(Name of Appropriator) (Address) (Town)
County of Silver Bow 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...Stock water
   for domestic stock and wildlife

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...1924 to present time
   (used year long)

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...Two 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
   (non-applicable)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   (wood box, steel pipe, wood trough)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...1924

8. The depth of water table...One foot at point of development

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...Wood box, steel pipe, wood trough

10. The estimated amount of groundwater withdrawn each year...Four acres feet

11. The log of formations encountered in the drilling of each well if available...No well

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...

   Location: Hill Top

Signature of Owner...Paul A. Hendrix DFR

Date...November 22, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **(Name of Appropriator)**
   County of **(County)**, 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, walls, 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**

State of Montana
County of Silver Bow

**Declarant**

Hearing first been duly sworn, I do solemnly swear that the statements herein made are true.

Subscribed and sworn to before me, this 17th day of December, 1963.

Notary Public for the State of Montana, residing...
FILED FOR RECORD

December 19, 1961
at 6 minutes past 4 o'clock

[Signature]

[Stamp]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 327 Montana Session Laws, 1941)

Date of Appropriation of Groundwater: October 23, 1963

U.S. Department of Agriculture, Forest Service, Address: Butte, Montana

Contractor (if any): NA

Address of Contractor:

Date Started: 10-30-63 Date Completed: 12-15-63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes," Include depth to water when applicable. 12" - 18" depth, gravity flow, deep in-sifted, a bored well, with 12" plastic pipe, 12" underground, flowing to a steel stock tank.

Miles / 2

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use...7 gallons per minute = year-round use.

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.

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

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

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

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

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Forest Service, of P.O. Box 1945, Butte,
(Name of Appropriator) (Address) (Town)
County of Silver Bow, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Stockwater for domestic stock and wildlife.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed is 7 gallons per minute.

4. The annual period (inclusive dates) of intended use is January 1 - December 31.

5. The probable or intended date of first beneficial use is November 1, 1963.

6. The probable or intended date of commencement and completion of the well or wells is October 30, 1963.

7. The location, type, size and depth of well or wells contemplated is Deep in gulch, wooden box 2 ft deep, 30" wide, and 30" long.

8. The probable or estimated depth of the water table or artesian aquifier is 12" - 18".

9. Name, address and license number of the driller engaged is N/A.

10. Give such other similar information as may be useful in carrying out the policy of this act. "Dig out and box spring, lay 14" plastic pipe 12" under ground to a steel stock watering tank, Gravity flow system.

Hilltop # 2.

U.S. Department of Agriculture, Forest Service, By: Signature of Appropriator. Date.

As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

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

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

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

U. S. Department of Agriculture,
Forest Service,
(Name of Appropriate) (Address) (Town)
County of __ Silver Bow __ 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: stock water, for domestic stock and wildlife.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1961 - continuous use.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: wooden box 31 x 31 x 31 & 100 ft. plastic pipe.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1961.

8. The depth of water table: 2 feet at point of development.

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: non-applicable.

10. The estimated amount of groundwater withdrawn each year: ten acre feet.

11. The log of formations encountered in the drilling of each well if available: no well.

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: Bowman Spring.

U. S. Department of Agriculture, Signature of Owner: Paul H. Mockler.
Forest Service, DER.

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 FOR RECORD

November 21, 1963
47 minutes past 10 o'clock
H.M. ANNA QUIGLEY

County Recorder
CAROL M. VAUGHN
Deputy
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>Forest Service, U.S. Dept. of Agriculture</th>
<th>Butte</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
</tr>
<tr>
<td>County of: Silver Bow</td>
<td>State of: Montana</td>
</tr>
</tbody>
</table>

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: **Stock Water for domestic stock and wildlife**

3. Date or approximate date of earliest beneficial use, and how continuous the use has been...
   - **1933 to present time**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **two 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...
   - **non applicable**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
   - **Fanned boxed spring**
   - **Plastic pipe to small steel tank**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
   - **1933**

8. The depth of water table...
   - **One foot at point of detection**

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...
   - **Plastic pipe to small steel tank**

10. The estimated amount of groundwater withdrawn each year...
    - **Four acre feet**

11. The log of formations encountered in the drilling of each well if available...
    - **No well**

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...
    - **Home: Hoosierine**

Signature of Owner: [Signature]
Date: [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, 1961)

U. S. Department of Agriculture, Forest Service

(Name of Appropriator) ___________________________  (Address) ___________________________

County of ___________________________ 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: ____________________________________________________________________________

Spring Hill Spring

U. S. Department of Agriculture, Forest Service, ___________________________ By: ___________________________

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 FOR RECORD

November 27, 1963
at the minutes past 10 o'clock
A.M.

[Signature]

Date: 12/05
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Hays, R.</td>
<td>SW-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Irwin, R.</td>
<td>SW-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Clift, S.</td>
<td>SW-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Stephon, K.</td>
<td>SW-2</td>
<td>81977</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Shatley, S.</td>
<td>SW-2</td>
<td>91285</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Als, T.</td>
<td>SW-2</td>
<td>91377</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Lucy, R.</td>
<td>SW-2</td>
<td>81366</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Earl, E.</td>
<td>SW-3</td>
<td>79780</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Earl, E.</td>
<td>SW-2</td>
<td>79760</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Carl, W.</td>
<td>SW-4</td>
<td>81235</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Philip, W.</td>
<td>SW-3</td>
<td>87010</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Philip, W.</td>
<td>SW-2</td>
<td>99779</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Philip, W.</td>
<td>SW-4</td>
<td>81234</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Ronald, W.</td>
<td>SW-2</td>
<td>81373</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Jack, R.</td>
<td>SW-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Earl, W.</td>
<td>SW-4</td>
<td>83774</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Named, W.</td>
<td>SW-4</td>
<td>87069</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Earl, W.</td>
<td>SW-3</td>
<td>81375</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Raymond, E.</td>
<td>SW-4</td>
<td>81329</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Robert, E.</td>
<td>SW-2</td>
<td>78012</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Ronald, W.</td>
<td>SW-4</td>
<td>90523</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Clark, O.</td>
<td>SW-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Irvin, W.</td>
<td>SW-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Margaret, R.</td>
<td>SW-4</td>
<td>80645</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Nanison, P.</td>
<td>SW-2</td>
<td>99774</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Nanison, R.</td>
<td>SW-2</td>
<td>78467</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Karlock, C.</td>
<td>SW-2</td>
<td>95538</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Wight, E.</td>
<td>SW-4</td>
<td>81372</td>
<td></td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
<td>Type of Form</td>
<td>County File No.</td>
<td>Remarks</td>
</tr>
<tr>
<td>------</td>
<td>-----------------------</td>
<td>--------------</td>
<td>----------------</td>
<td>---------</td>
</tr>
<tr>
<td>4</td>
<td>George Kaskaich</td>
<td>SW 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Corwin Posey</td>
<td>SW 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Philip Norman</td>
<td>SW 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Stephen Kaskaich</td>
<td>LW 4</td>
<td>91739</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Arnie Neal</td>
<td>SW 2</td>
<td>91257</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Earl Rayner</td>
<td>LW 4</td>
<td>81267</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Earl Wight</td>
<td>SW 3</td>
<td>92950</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Earl A. Austin</td>
<td>LW 2</td>
<td>99245</td>
<td>soil problems</td>
</tr>
<tr>
<td>8</td>
<td>Andrew Leiser</td>
<td>LW 4</td>
<td>91235</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Philip Norman</td>
<td>LW 3</td>
<td>87010</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Philip Norman</td>
<td>LW 3</td>
<td>97773</td>
<td>soil problems</td>
</tr>
<tr>
<td>8</td>
<td>Philip Norman</td>
<td>LW 2</td>
<td>97775</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Philip Norman</td>
<td>LW 4</td>
<td>81774</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Rest J. Wiley</td>
<td>LW 3</td>
<td>81774</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Homer W. Wiley</td>
<td>LW 3</td>
<td>81607</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Earl J. Wiley</td>
<td>LW 3</td>
<td>81375</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Raymond Campbell</td>
<td>LW 4</td>
<td>84750</td>
<td>RUN K 10 W 1</td>
</tr>
<tr>
<td>4</td>
<td>Robert W. Klassen</td>
<td>LW 4</td>
<td>80623</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Clay W. Ensor</td>
<td>LW 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Earl W. Ensor</td>
<td>LW 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Margaret Sisco</td>
<td>LW 4</td>
<td>80645</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Norman, Philip</td>
<td>LW 2</td>
<td>99774</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Hawkins, Paul</td>
<td>LW 3</td>
<td>78467</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Kaskaich, John</td>
<td>SW 2</td>
<td>96592</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Wight, Earl J.</td>
<td>LW 4</td>
<td>81372</td>
<td></td>
</tr>
</tbody>
</table>
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1942
(Under Chapter 237 Montana Session Laws, 1941, 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: State Highway Commission
Well & Anacoda Site Site.
Address: Butte, Montana

Date well started: July 28, 1971
completed: July 31, 1971

Type of well: Drilled
Equipment used: Churn Drill
Water Use: Domestic [] Municipal [] Stock [] Irrigation []
Industrial [] Drainage [] Other [] Garden/Lawn []

Describe any make, model, or facility.

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: 20,000 GALLONS

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Depth of Cutting</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>5/8&quot; od x .250</td>
<td>Cutting torch 31', 36'</td>
</tr>
</tbody>
</table>

Static water level: 22'  ft.
Pumping water level: 20'  ft.

At 40 gallons per minute, measured  minutes after pumping began.

*Measured from ground level.

Well developed by bailing for 2 hours.
Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) There is two feet open from 36' to 38' in rock.

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

Driller’s Signature: O’Keefe Contracting Company
Bill Talavage
Driller’s Address: 2104 Harvard Ave.

Butte, Montana
LICENSE NO. 8

NOTARY PUBLIC for the State of Montana
Notary No. 12345
My Commission Expires: 12/31/2023

31' Show exact depth of bottom
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: George Barkovich
Address: Anaconda, Montana

Driller: C.J. Vrable
Address: Anaconda, Montana

Date of Notice of Appropriation of Groundwater: Oct. 1, 1962
Date Completed: Oct. 4, 1962

Type of well: Drilled
Equipment Used: Churn drill

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.

16 ft. — Clay and boulders
18 ft. — Standard 8' casing
22 ft. — Pumping level

32 ft. — Water-bearing granite

Static Water Level for non-flowing Well: 11 feet
Shut-in Pressure for Flowing Well:

Pumping Water Level: 22 feet at 20 gal. per minute
Discharge in gal. per min. of flowing well:

How Tested: Pumped
Length of Test: 3 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. 32' exact depth at bottom

Driller's License Number: [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.
FILED FOR RECORD

October 8, 1967
4:33 minutes past 4 o'clock

M. Anna Lane
County Recorder

Deputy
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Easier (Sunny)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>C.E. Stacle</td>
</tr>
<tr>
<td>Date Started</td>
<td>March 24, 1958</td>
</tr>
<tr>
<td>Date Completed</td>
<td>April 8, 1958</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 4 T., R. 11 W., 14 sec. S.W./W.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Water use</td>
<td>Municipal</td>
</tr>
<tr>
<td>Water use</td>
<td>Stock</td>
</tr>
<tr>
<td>Water use</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Water use</td>
<td>Industrial</td>
</tr>
<tr>
<td>Water use</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Water use</td>
<td>Drainage</td>
</tr>
<tr>
<td>Casing: Surface</td>
<td>ft. to 27 ft.</td>
</tr>
<tr>
<td>Type:</td>
<td>Standard</td>
</tr>
<tr>
<td>Size:</td>
<td>6 in.</td>
</tr>
<tr>
<td>Casing:</td>
<td>27 ft. to 144 ft.</td>
</tr>
<tr>
<td>Type:</td>
<td>Standard</td>
</tr>
<tr>
<td>Size:</td>
<td>4 in.</td>
</tr>
<tr>
<td>Casing:</td>
<td>144 ft. to 18 ft.</td>
</tr>
<tr>
<td>Type:</td>
<td>Standard</td>
</tr>
<tr>
<td>Size:</td>
<td>6 in.</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>1/2&quot; x 5&quot; slots</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>14 ft. feet.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>171.1 feet at: 9 gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td>Bail tested</td>
</tr>
<tr>
<td>Length of test:</td>
<td>2 1/2 hour</td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>Top soil</td>
</tr>
<tr>
<td>1'</td>
<td>Clay and rock</td>
</tr>
<tr>
<td>72'</td>
<td>Granite</td>
</tr>
<tr>
<td>73'</td>
<td>Layer of coal and clay</td>
</tr>
<tr>
<td>136'</td>
<td>Solid granite</td>
</tr>
<tr>
<td>144'</td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1968**

(Under Chapter 237, Montana Session Laws, 1961)

1708 Ogden St.

Owner: Edith Sailer Bovman | Address: Anaconda, Montana

Driller: C.R. Frable Jr. | Address: Anaconda, Montana

---

**Log**

Top of Ground

(Elev. above sea level 5,200)

Top soil

Static level 11'

- Clay and gravel
- Gravel

Pumping level 23'

- Weathered granite
- Granite bed rock

---

**Perforations**

<table>
<thead>
<tr>
<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>8' x 28 lb.</td>
<td>Surface 35' 4'</td>
<td></td>
<td>28'</td>
</tr>
</tbody>
</table>

**Notes**

- Static Water Level for non-flowing well
- Shut-In Pressure for Flowing Well
- Pumping Water Level: 23' foot
- Discharge in gal. per min. of flowing well
- Length of Test: 3 hrs & 2 hrs
- Remarks: (Gravel packing, cementing, packers, type of shut-off)

---

**Diagram**

- Sunnyside Tract 17'
- Sec. T 4 N 11

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

---

**Exact depth of well as completed**

11' feet.

**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).

---

**Remarks:**

- (Continue on reverse side)

---

File No.

Duplicate

County: Deer Lodge

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER

OFFICE OF STATE ENGINEER


T. 4  N. 11

Date of Notice of appropriation of groundwa<br> Date well started...July 19, 1964...Date completed...July 20, 1964

Type of well...Drilled...Equipment used...Churn drill (Drum, Driven, bored or drilled)

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

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

---

**Remarks:**

- Gravel packing, cementing, packers, type of shut-off.

---

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

Driller's License Number

Driller's Signature

County Engineer

27 Jul 64
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. STEPHEN F. KARLOCK
   (Name of Approprietor)
   of
   (Address)
   (Town)
   County of
   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: Domestic

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July, 1943, continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 36 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: garden, lawn, & domestic use

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: pumps, electric on one well, siphon on other well # 2

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July - August, 1943

   8. The depth of water table: 14 feet from surface to 45 ft. at bottom of well

   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: 5½ casing on #1 well - 3½ casing on #2 well - both are 45 ft. deep

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

   11. The log of formations encountered in the drilling of each well if available: top soil, 1 ft.; sandstone to 20 ft.; granite rock; gravel to water-bearing gravel

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

   Signature of Owner: [Signature]
   Date: [12-31-62]

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.
FILED FOR RECORD

December 3, 1963
at 30 minutes past 4 o'clock

A.M. ARNA QUGLEY

[Signature]

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

Owner: Garret Gouldhouse  Address: Anaconda, Montana
Driller: C.F. Vroble  Address: Millcreek RD# 1

Date of Notice of Appropriation of Groundwater: Dec. 4, 1962
Date well started:  Date Completed:  Dec. 5, 1962

Type of well drilled: Driven (Churn, drill, rotary or other)
Equipment Used: Churn
Water Use: Domestic  Municipal  Other  Irrigation
Industrial  Drainage  Stock

Sand gravel and large boulders.
Clay
Decomposed Granite

Static Water Level for non-flowing Well: 16 feet.
Shut-In Pressure for Flowing Well: 
Pumping Water Level: 31 feet at 7 gal. per minute.
Discharge in gal. per min. of flowing well: 
How Tested: Bailed  Length of Test: 24 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).

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.
FILED FOR RECORD
December 30, 1963
at 2:00 p.m.

M.

[Signature]

Debtor
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: John S. Horn
Address: Box 15

Date of Notice of completion: 8/13/71
Date completed: 8/14/71

Drilled: Robert Mead
Address: Box 15

Type of well: Drilled (Auger, Diamond, or other)
Equipment used: Churning (Auger, Diamond, 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, 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>Soil Depth</th>
<th>Weight of Contents</th>
<th>Flow</th>
<th>Perfection</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>1718</td>
<td>0</td>
<td>Cutting Torch</td>
</tr>
</tbody>
</table>

State Water Level for non-flowing well 23 feet.
Shut-in Pressure for flowing well 30 gal. per minute
Pumping Water Level 16 feet
Discharge in gal. per min. of flowing well

Remarks: (Gravel packing, cementing, packers, type of shutoff)
Not Applicable

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)
Not Applicable

Driller's License Number
Robert Mead
Driller's Signature
48849

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Declination of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. **Ila Bailey**
   - Name of Appropriator
   - Address: 1205 W. Park, Anaconda
   - Town: Deer Lodge
   - County: Deer Lodge
   - State: Montana

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

3. Date or approximate date of earliest beneficial use: **1953**
   - And continuous since: **1953**

4. The amount of groundwater claimed (in minor's inches or gallons per minute): **600 gallons per day**

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:
   - **NO IRRIGATION**

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

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

8. The depth of water table: **10 ft**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - **Drilled - 6 ft casing - 33 deep**

10. The estimated amount of groundwater withdrawn each year: **239,000 gallons**

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:
   - **Deer Lodge County**

Signature of Owner: **Ila Bailey**
- Date: **31/3/1963**

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. Guy Boyce, of Lot 193, Custer

County of Beaver Lodge 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. (Describe well by giving present capacity, depth, and type of pump...)

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: Guy Boyce
Date: Dec 30, 1962

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriaor.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:

Owner: Earl A. Foster
Address: P.O. Box 504

Contractor (if any): None
Address of Contractor:

Date Started: Date Completed:

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

LARGE open Spring

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

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

Signature of Owner: Earl A. Foster
Date: June 29, 1953

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

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

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

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

June 29, 1973
at 00 minutes past 2 o'clock

Helen L. Lovell
County Recorder

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**  
[Signature]

**Address**  
[Address]

**Date well started**  
1971

**Date well completed**  
1971

**Water Use:**  
- Domestic
- Municipal
- Irrigation
- Stock
- Industrial
- Drainage
- Other: Garden/Lawn

**Type of Well**  
- Drilled or Bored

---

**Equipment Used**  
- drill
- hand
- other
- (Example: cable tool, rotary, etc.)

**Static Water Level**  
12 ft.

**Pumping Water Level**  
12 ft.

**Gallons Per Minute**  
12 gallons per minute

**Minutes After Pumping began**  
measured minutes after pumping began.

**Measured From Ground Level**  
measured minutes after pumping began.

**Well Developed by**  
for hours.

**Power**  
- Electric
- Diesel
- Other

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

---

**Driller's Signature**  
[Signature]

**Driller's Address**  
[Address]

---

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

**License No.**  
55832

**Top of Ground (See, show sea level)**

---

**License No.**  
55832

---

**State the number of acres and location or other data (i.e. Lot, Block and Addition).**

---

**Show exact depth of bottom**
This form to be prepared by driller, and three copies to be filed by owner with County Clerk and Recorder in 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: Eml H. Foster
Address: P.O. Box 504
Ainsworth, Mont.
Date well started: 1917
Date well completed: 1917
Type of well: Dug
Equipment used: By Mнд
Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □ Garden/Lawn □
*Describe USE: Used For House
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 Depth of Collector</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Depth (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 12 ft.
Pumping water level 15 ft.
Gallons per minute 15
Minutes after pumping began
*Measured from ground level
Well developed by for hours
Power of Pump HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

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

Driller's Signature: John C. Foster
Driller's Address: P.O. Box 504 Ainsworth
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: Andrew S. Burch
Address: Lompaite, Great Falls
Town: (Address)
County: (Address)
State: (Address)

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 land 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 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: Andrew S. Burch
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 FOR RECORD

December 30, 1963
at 10 minutes past 10 o'clock
A.M.

[Signature]
Record Keeper
Registrar

[Signature]
Registrar