Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 337, Montana Session Laws, 1961)

Owner: Robert Siemer
Address: Libby

Driller: Robert Siemer
Address: Libby

Date of Notice of Appropriation of Groundwater: May 1963
Date Completed: June 1963

Type of well: driven
Equipment Used: Tractor plate

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>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'</td>
<td>2'</td>
<td>0'</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>homemade</td>
<td>5</td>
<td>0</td>
<td>30</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: not known
Shut-in Pressure for Flowing Well: not known
Pumping Water Level: 30 feet at 33.1/3 gpm
Discharge in gal. per min. of flowing well: 33.1/3 gpm
How Tested: Length of Test:

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)

acres irrigated: 5

Driller's License Number
s/ Robert Siemer
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.

Well made by owner... no license required
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** #

**Date of Notice of Appropriation of Groundwater:**

**Date well started:** 8-3-65

**Date Completed:** 8-11-65

**Type of well:** Drilled

**Equipment Used:** Churn

**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>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Front (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 64' feet.

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:** 150' feet at 0.5 gal. per minute.

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

**How Tested:**

**Length of Test:** 3 hours

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

<table>
<thead>
<tr>
<th>Driller's License Number</th>
<th>Driller's Signature</th>
</tr>
</thead>
</table>

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.

46688
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: 
Address: 

Date of Notice of Appropriation of Groundwater: 

Date well started: 

Type of well: 

Equipment Used: 

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.

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

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

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

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

1. 
(Name of Appropriator) (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

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner: 
Date: 

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 287, Montana Session Laws, 1961)

1. Frank E. Tadder, of town of Polson, County of Clark, State of Montana,
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   Oct 5, 1961

4. The amount of groundwater claimed, in thousands of gallons per minute:
   100

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

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:
   Sept 10, 1961, Oct 5, 1961

8. The depth of water table:
   144 feet

9. So far as 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, single casing, 147 feet

10. The estimated amount of groundwater withdrawn each year:
    50,000 gallons

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

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

Signature of Owner: Frank E. Tadder
Date: Nov 7, 1963

These 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 Geography, 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. Virginia H. Echand of Star Route 1 Libby
   (Name of Appropriator) (Address) (Town)
   County of Lincoln State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based, domestic and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960 - continuously since.

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

5. If used for irrigation, give the acreage and description of the lands on which water has been applied and name of the owner thereof.
   5 acres N1/2 S1/2 86-1/4 86-1/4 86-1/4 Tract 118.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, June, 1960.

8. The depth of water table 90 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.
   6 inch drilled well, 118 feet deep, 28 feet of water in well at first.

10. The estimated amount of groundwater withdrawn each year 400,000 gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Title of property recorded in names of William H. and Virginia L. Reed, deed for constrict for purchase.

Signature of Owner Virginia H. Echand
Date February 17, 1964.

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

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

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginia H. Gehrad</td>
<td>Star Route 1</td>
<td>Libby</td>
</tr>
</tbody>
</table>

County of: Lincoln  
State of: 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: 
   - **domestic and irrigation**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1960 — continuously since

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: 5 acres, N1/2 S1/4, S1/4 SE1/4, Tract 189

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

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

8. The depth of water table: 90 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: 6 inch drilled well, 918 feet deep, 20 feet of water in well at test

10. The estimated amount of groundwater withdrawn each year: 400,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Title of property recorded in names of William H. and Velda L. Brandt, water contract for premises

Signature of Owner: Virginia H. Gehrad  
Date: December 80, 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; Tripllicate 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)

File No. County
DUPLICATE

1. Karl J. Enland
   (Name of Appropriator)
2. State Route 1
   (Address)
3. Libby
   (Town)

County of Lincoln
State of Montana

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

2. The beneficial use on which the claim is based
   Domestic and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   June 1951, continuously

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

5. If used for irrigation, give the area and description of the lands to which water has been applied and name of the owner thereof
   Part of NE 1/4, SE 1/4, NE 1/4

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   June 1951

8. The depth of water table
   14 feet

9. So far as it may be available, the type, size and description of each well or the general specifications of any other works for the withdrawal of groundwater
   Drop well, 17 feet deep, 3 feet of water in well

10. The estimated amount of groundwater withdrawn each year
    400,000

11. The leg of formations encountered in the drilling of each well if available
    5 feet limestone, 12 feet sandstone, minor 5. 1/4 to No. 4 screen

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 or any record

Signature of Owner

Date

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

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

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

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

1. Delbert R. Cox, of 220 California Avenue, Libby
   (Name of Appropriator) (Address) (Town)
   County of Lincoln, State of Montana

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

   2. The beneficial use on which the claim is based: household and irrigation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Summer 1951. Use has been continuous 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: 1/2 acre.

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

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

   8. The depth of water table: 4 feet.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 30 ft. concrete-tiled well, 31 ft. deep, electric piston pump, installed in receded pit at top.

   10. The estimated amount of groundwater withdrawn each year: 469,000 gallons.

   11. The log of formations encountered in the drilling of each well if available: 21 feet deep, First 2 ft. dirt and clay. Next 5 ft. gravel and rock. Then a clay-hardpan 2-1/2 feet thick. Balance to bottom sand, gravel and small rocks.

   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: Flat 127.

   Signature of Owner: Delbert R. Cox
   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 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)

Patrick & Roberta L. Couvillion, of Libby
County of Lincoln, 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 use, lawn & garden irrigation and stock watering.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: over 5 years.

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 works for withdrawal: free flow of near surface springs with surface pump.

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

8. The depth of water table.

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

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)

1. Dalbert B. & Company, Inc., of 220 California Avenue, Libby (Name of Appropriator)
   (Address) (Town)
   County of Lincoln, State of Montana (County of State)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based is household and irrigation.

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been is December 1950, use has been continuous since then.

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal is piston pump with well in the basement.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater is December 1950.

   8. The depth of water table is 2 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 is concrete and steel casing 30 inches deep.

   10. The estimated amount of groundwater withdrawn each year is 400,000 gallons.

   11. The log of formations encountered in the drilling of each well if available is 21 feet deep. First 2 feet dirt and clay, next 8 feet gravel and rock, then a clay hardpan 24 feet thick, balance to bottom sand, gravel and small 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 is Plat 266.

Signature of Owner: Dalbert B. Ce
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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Patrick & Robert L. Couvillon, of Libby
County of Lincoln, 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, lawn and garden irrigation and stock watering.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1954 and used continuously.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 4.16 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: 5 acres pasture owned by applicant.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: from a 4 ft. spring reservoir with surface pump.

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

8. The depth of water table: 31 x 61 x 4 ft. reservoir.

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: 31 x 61 x 4 ft. reservoir.

10. The estimated amount of groundwater withdrawn each year: 100,000 gallons.

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

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

Signature of Owner:

Date:

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

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

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

Filed this 24th day of February A.D. 1964 at 1:30 P.M.
Mr. M. Merrick
County Clerk
By M. Hagen
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Montana Water Conservation Board
Address: 702 Park St., Helena, Montana 59601

Driller: Clifford L. Flesher
Address: 702 Park St., Helena, Montana 59601

Date of Notice of Appropriation of Groundwater:
Date well started... 8-30-66, Date Completed 8-23-66

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

Water Use: Municipal
Domestic
Irrigation
Industrial
Drainage
Stock

Strata met with in drilling:
1. Bin Clay
2. Sand
3. Clay
4. Bin Silt
5. Bin Silt
6. Fine Sand
7. Lacrosse Sand
8. Gravel
9. Causeway Sand

Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

| Size of | Size and Weight of | From (Feet) | To (Feet) | PERFORATIONS |
| Drilled | Weight of Casting | | | |
| Hole | | | | |
| | | 6 3/4 | 17 1/2 | 0 | 89 |

Static Water Level for non-flowing Well: 20 feet.
Shut-in Pressure for Flowing Well:...
Pumping Water Level: 30 feet at 40 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Bailed
Length of Test: 5 hr.

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

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 CODES
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

Owner:
Address:

Driller:
Address:

Date of Notice of Appropriation of Groundwater:

Date well started:
Date Completed:

Type of well:
Equipment Used:

Water Use:

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.

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

Show exact depth of bottom.

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

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

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

11-7-67
11-10-67
Drilled
Churn, drill, rotary or bored
Domestic

6 1/2
17
0
105

10
20
3

Clifford G. Young
Driller’s License Number
Driller’s Signature

42,540
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

NAME OF APPROPRIATOR: Freda M. Speirs
ADDRESS: P.O. Box 405
TOWN: Libby
COUNTY: Lincoln
STATE OF MONTANA

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

1. Domestic use

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 1935

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 5-6 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: Sprinklers for yard and garden. Approx. 1 acre

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

6. Indicate point of appropriation and place of use, if possible: Tract 3 of Hambo tracts.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 1935

8. The depth of water table: 155 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: 135 feet deep with 4 inch casing

10. The estimated amount of groundwater withdrawn each year: 300,000 to 400,000 estimate

11. The log of formations encountered in the drilling of each well if available: Approximately 80 feet of quick sand before hitting hard pan. Water not separable from sand by screening

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: Freda M. Speirs
Date: 10-31-63

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

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

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

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

STATE ENGINEER

I, Edward W. Rameo, of P.O. Box 201 Libby, Montana, declare and state that I 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: watering stock, irrigating, and fish ponds

2. Date or approximate date of earliest beneficial use: 1943 continuing to present time

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 150 gallons per minute

4. If used for irrigation, give the acreage and description of the lands to which water has been applied: 40 acres belonging to Howard Rameo

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

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

7. The depth of water table: 3'

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

9. The estimated amount of groundwater withdrawn each year: all is utilized

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

Signature of Owner: Edward W. Rambo
Date: 3/2/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]
Date well started: [Date]
Date Completed: [Date]

Type of well: [Type]
Equipment Used: [Type]

Water Use: 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>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 3/8&quot;</td>
<td>6 3/8&quot;</td>
<td>0</td>
<td>34</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: [Depth] feet.
Set-in Pressure for Flowing Well: [Pressure]
Pumping Water Level: [Depth] feet at [Rate] gpm.
Discharge in gpm of flowing well: [Discharge]
How Tested: [Test]
Length of Test: [Length]

Remarks: [Remarks]

[Diagram]

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

Show exact depth of bottom.

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

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

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

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1982
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

Date of Notice of appropriation of groundwater: [Date]
Date well started: [Date]  Date completed: [Date]

Type of well: [Dug, driven, bored or drilled]  Equipment used: [Type]

Water use: Domestic [ ]  Municipal [ ]  Stock [ ]  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 the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>[ ]</th>
<th>[ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-800</td>
<td></td>
<td>0</td>
<td>105</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: [50] feet.
Shut-In Pressure for Flowing Well: [ ]
Discharge in gal. per min. of flowing well: [ ]

How Tested: [ ]
Length of Test: [ ]
Remarks: [Type of gravel packing, cementing, packers, type of shutoff] [ ]

[ ] Sec.  [ ] T.  [ ] R.  [ ]
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

[ ] Show exact depth of bottom.

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

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

Driller's License Number [ ]
Driller's Signature [ ]

File Number [ ]
County [ ]

[ ] Approved Stock Form—State Publishing Co., Helena, Montana—[ ]
GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by
Owner Merlin Torpen
Address Libby, Montana 59923

Location T. 30 R. 31 Sec. 34 NE 1/4 Document No. 710

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate exact location of well by Township, Range and Section.

Other.
Recently a copy of a groundwater appropriation form,

__ GW 1, Notice of Appropriation of Groundwater
__ GW 2, Notice of Completion of Groundwater Appropriation by means of Well
__ GW 3, Notice of Completion of Groundwater Appropriation without Well
__ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by:

_ Owner _ Miner Torpen___ Address _ Libby, Montana 59923

_Location _ T. 30 R. 7 _ Sec. 20 N.E._ Document No. 710

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate exact location of well by Township, Range and Section.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

___

Douglas M. Smith

(Continued 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).

Show exact depth of bottom.

Driller’s License Number

Driller’s Signature
**Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962**

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

**Owner:**
- Name: [Redacted]
- Address: Libby, Mont.

**Driller:**
- Name: [Redacted]
- Address: Libby, Mont.

**Date of Notice of Appropriation of Groundwater:**
- Date: 9/17/67
- Date completed: 9/22/67

**Type of Well:**
- Drilled
- Equipment used: Churn

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

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

<table>
<thead>
<tr>
<th>Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Form (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6' 1/2 gal.</td>
<td>19 ft.</td>
<td>0 ft.</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well: 50 feet.**

**Shut-in Pressure for Flowing Well:**
- 160 feet
- at 10 gal. per minute.

**Pumping Water Level:**
- 160 feet
- at 10 gal. per minute.

**Discharge in gal. per min. of flowing well:**
- Not specified

**How Tested:**
- [Redacted]

**Length of Test:**
- [Redacted]

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

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

**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, issue copy to be retained by driller.

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

Driller's License Number: [Redacted]

Driller's Signature: [Redacted]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. August F. and Jane J. Winkler Box 146 Libby
   (Name of Appropriator)
   County of Lincoln                      State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1982, as follows:

2. The beneficial use on which the claim is based: Household and lawn irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   August 1957 - Continuous at all times.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 90 gals. per hour.

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:
   Electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Aug. 1957 to Sept. 1957.

8. The depth of water table: 22 ft. measured.

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:
   One well - 30 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 240,000 gal.

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

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

Signature of Owner: [Signature]
Date: Oct. 28, 64

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.

35174
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: W. W. Wood

Driller: C. L. Ply

Address: Miles City, Mont.

Date of Notice of Appropriation of Groundwater: May 24, 1963

Date well started: May 24, 1963

Date well completed: May 27, 1963

Type of well: Drilled

Equipment Used: Churn, drill, rotary or drilled

Water Use: Domestic

Industrial

Municipal

Drainage

Stock

Irrigation

Indicate 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>Rise of Drilled Hole (Feet)</th>
<th>Rise and Weight of Cutting (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>65'</td>
<td>17'</td>
<td>0</td>
<td>64'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20 feet

Shut-in Pressure for Flowing Well: 18 feet

Discharge in gal. per min. of flowing well: 42 gal.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location 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: 141

Driller's Signature: [Signature]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the 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)

Robert L. Neils of Shevlin Park Libby

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Township</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>E</td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: Domestic water for three homes

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: June, 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 gals. per min.

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: Grounds around houses of Dick Brinton, Gerald Neils, and Robert Neils

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3 h.p. jet type pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June, 1948

8. The depth of water table: 30'

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: 8' casing - 36' deep

10. The estimated amount of groundwater withdrawn each year: 15,000,000 gals.

11. The log of formations encountered in the drilling of each well if available: Hard gravel with boulders

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 Robert L. Neils

Date: December 31, 1963

Three copies to be filled 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.
# Montana Bureau of Mines and Geology

**WATER WELL LOG**

**Butte, Montana**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Christian Hladun</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>740 W. 17th St.</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>Oren Wamnack</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>318 E. 23rd St.</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>Sept 7, 1957</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>Sept 12, 1957</td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** Chisle drill

**Water use:** Domestic

**Casing:**
- 0 ft. to 31 ft. Type: Standard pipe Size: 6 inch

**Perforated or Screened:**
- 0 ft. to 26 ft. Ph. to ft.

**Static Water level, for non-flowing well:** 17 ft

**Shut-in pressure, for flowing well:** 150 lb. sq. in. on: (date)

**Pumping water level:** 15 feet at 20 gal. per min.

**How tested:** by sinking

**Length of test:** 1 hour

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 12</td>
<td>Clay with gravel and boulders</td>
</tr>
<tr>
<td>13 - 29</td>
<td>Sand clay with sand &amp; gravel</td>
</tr>
<tr>
<td>30 - 31</td>
<td>Fairly coarse sand</td>
</tr>
</tbody>
</table>
**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.

**Robert A. Nelson**

Owner

**Address**

Libby, Montana

**Date well started**

9-9-70

**Completed**

9-18-70

**Type of well**

Drilled (Dug, driven, bored or drilled)

**Equipment used**

Churn

**Water Use**

Domestic [X]  Municipal[X]  Stock[X]  Irrigation [ ]  Industrial [ ]  Drainage [ ]  Other [X]  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 Depth of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>Size</th>
<th>Year</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot;</td>
<td>0</td>
<td>65</td>
<td>3rd</td>
<td>61</td>
<td>65</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 40 ft.

Pumping water level 55 ft.

at 5 gallons per minute measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by -boiler-

for 2 hours.

Power -pump- HP

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

**Driller's Signature**

Clifford J. Buescher

**Driller's Address**

G & L Plumbing & Heating, Inc.

Box L Libby, Montana 59923  LICENSE NO. 162

Show exact depth of bottom
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Lucy C. Rhodes**,  
   (Name of Appropriator)  
   of R.R., 1 Box 408, Libby  
   (Address)  
   (Town)  
   County of **Lincoln**, 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: **Drinking and Household use**.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **Aug. 22, 1961**.

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

5. If used for irrigation, give the average 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: **Piped to house by electric pump.**  
   **Lot 24, Garren Tract**.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Aug. 22, 1961**.

8. The depth of water table: **Thirty feet within surface**.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **Six inch casings, 110 feet deep**.

10. The estimated amount of groundwater withdrawn each year: **1500 gallons**.

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

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

---

Signature of Owner: **Lucy C. Rhodes**  
Date: **April 21, 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 by Means of Well
(Under Chapter 207, Montana Session Laws, 1981)

Top of Ground
(Elev. above sea level) 8' gravel
19' clay gravel
35' gravel

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 207, Montana Session Laws, 1981)

Owner: ____________________________ Address: ____________________________
Driller: ____________________________ Address: ____________________________
Date of Notice of Appropriation of Groundwater: ____________________________
Date well started: ____________________________ Date Completed: ____________________________
Type of well: Drilled
Equipment Used: (Churn, drill, rotary or drilled)
Water Use: Domestic □ Municipal □ Other □ Irrigation □
Industrial □ Drainage □ Stock □

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

Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS
------------- | ----------------- | ---------- | --------- | ---------------
6 7/8" | 6 7/8" | 0 | 43' | 7/16" (from 37 to 43 feet)

Static Water Level for non-flowing Well: 19 feet.
Shut-in Pressure for flowing well: ____________________________
Pumping Water Level: 19 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well: ____________________________
How Tested: _______ 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 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.
<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/12/21</td>
<td>Filed this</td>
</tr>
<tr>
<td>6/30/21</td>
<td>day of</td>
</tr>
<tr>
<td>August</td>
<td></td>
</tr>
<tr>
<td>1925</td>
<td></td>
</tr>
<tr>
<td>M. M. Mansfield</td>
<td>County Clerk</td>
</tr>
<tr>
<td>Eliza Hughes</td>
<td>Deputy</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: 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.

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

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

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

   [Signature of Owner]
   Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
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: John D. Miller
Address: Libby, Montana

Date well started: September 3, 1970
Date well completed: September 12, 1970

Type of well: Drilled
Equipment used: Churn

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

Describe: [ ]

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

ESTIMATED ANNUAL WITHDRAWAL: 80,000 Gal/year

<table>
<thead>
<tr>
<th>Depth of</th>
<th>Size</th>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
<td>6&quot; H</td>
<td>Top of Ground</td>
</tr>
<tr>
<td>17.00</td>
<td>2524</td>
<td>ft.</td>
</tr>
</tbody>
</table>

Static water level: 19 ft.
Pumping water level: 60 ft.

Power: [ ]
Pump: [ ]

Remarks: [ ]

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

Driller’s Signature: [ ]
Driller’s Address: P.O. Box 967, Libby, Montana

---

LICENSE NO. 358

---

47792
**Notice of Completion of Groundwater Appropriation by Means of Well**

**Developed After January 1, 1963**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Westwood Acres</th>
<th>Address</th>
<th>Trace</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Thatcher Drilling Co.</td>
<td>Address</td>
<td>Dureka</td>
</tr>
</tbody>
</table>

- **Date of Notice of appropriation of groundwater:** June 5, 1966
- **Date well started:** May 21, 1966
- **Date completed:** June 6, 1966

**Type of well:** Drilled

- **Equipment used:** Rotary
  - (Drill, 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, e.g.: 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 Drill</th>
<th>Total Feet of Bit</th>
<th>Top of Water</th>
<th>Depth of Water</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>(3&quot;) 7&quot; 21#</td>
<td>0</td>
<td>165</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3&quot; 17#</td>
<td>165</td>
<td>185</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Hole of Course:**
  - Grey Clay with layers of gravel and boulders
  - Medium soft sandy clay
  - Course gravel and boulders
  - Bottom

- **Static Water Level:** for加深 well
  - 110 feet.
- **Shut-In Pressure for Flowing Well:**
  - 50 feet.
- **Pumping Water Level:**
  - 160 feet.
- **Discharge in gal. per min. of flowing well:**

**Compressor:**

- **How Tested:**
  - Length of Test: 8 hrs.
- **Remarks:** (Gravel packing, cementing, packers, type of shutter)

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

---

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

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

Driller's License Number: [Redacted]

Driller's Signature: [Redacted]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater: 6-26-67
Date well started: 6-26-67
Date Completed: 6-27-67

Owner: Shult Knight
Address: ***

Date of Notice of Appropriation of Groundwater: 6-26-67

Type of well: Drilled
Equipment Used: Chain (drill, rotary or drilled)

Water Use: Domestic □ Municipal □ Other □ Irrigation □
Industrial □ Drainage □ Stock □

Enter the depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Strata Met With</th>
<th>Thickness and Character of Water Bearing Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>6' Clay</td>
<td>10' thick, sandy, brown, etc.</td>
</tr>
<tr>
<td>16' gravel</td>
<td>10' thick, grey, etc.</td>
</tr>
<tr>
<td>25' sand</td>
<td>10' thick, grey, etc.</td>
</tr>
<tr>
<td>32' B. clay</td>
<td>10' thick, grey, etc.</td>
</tr>
<tr>
<td>26' white clay</td>
<td>10' thick, grey, etc.</td>
</tr>
<tr>
<td>35' white clay</td>
<td>10' thick, grey, etc.</td>
</tr>
<tr>
<td>38' hard Pan</td>
<td>10' thick, grey, etc.</td>
</tr>
<tr>
<td>Water Sand</td>
<td>10' thick, grey, etc.</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 21 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 29 feet
Discharge in gal. per min. of flowing well:

How Tested: Calculated
Length of Test: 2 hrs

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

Driller's License Number: 141
Driller's Signature: Clifford Borch

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

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

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

4-2-19
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner
Frank Z. Brown

Address
1234.15

Date of Notice of appropriation of groundwater..............................................

Date well started................................. Date completed..........................

Type of well........................................ (Dug, Driven, bored or drilled)

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

Water use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Core</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Static Water Level for non-flowing well</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9 feet. Shut-in Pressure for Flowing Well</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9 gal. per minute. Pumping Water Level</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>12 feet at</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Discharge in gal. per min. of flowing well</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>41 gals.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>How Tested</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>14 days</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Length of Test</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1/2 hr.</td>
</tr>
</tbody>
</table>
|                       |                         |             | Remarks: (Gravel packing, cementing, pack-
|                       |                         |             | ers, type of shutoff) |
|                       |                         |             | 10.00 |
|                       |                         |             | (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 Addi-
|                       |                         |             | tion). |

Show exact depth of bottom.

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

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

Driller’s License Number

Driller’s Signature