<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>14</td>
<td>Gordon Van</td>
<td>60-2</td>
<td>626</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Stovall, W. W.</td>
<td>60-2</td>
<td>527</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Don Backer
Address: 1111 Main Street, Butte, Montana
Driller: Clifford Backer

Date of Notice of Appropriation of Groundwater: 12-7-67
Date well started: 12-7-67
Date Completed: 12-11-67

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.

<table>
<thead>
<tr>
<th>Size and</th>
<th>Depth of</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter of Drilled Hole (Feet)</td>
<td>Weight of Casing (Feet)</td>
<td>From (Feet)</td>
</tr>
<tr>
<td>6 3/4”</td>
<td>17”</td>
<td>0</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 19’ feet
Shut-in Pressure for Flowing Well: 
Pumping Water Level: 21 feet at 15 gal. per minute
Discharge in gal. per min. of flowing well: 
How Tested: 
Length of Test: 2 days

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

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

Show exact depth of bottom.

Driller’s License Number: 141
Driller’s Signature: Clifford Backer

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.

43,696
**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:**

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

**Date well started:**

**Date completed:**

**Type of well:**

**Equipment Used:**

- Dug
- Driven
- Bored
- Churn, drill, rotary or other

**Water Use:**

- Domestic
- Municipal
- Other
- Irrigation

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

---

**Static Water Level for non-flowing Well:**

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

**Pumping Water Level:**

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

**How Tested:**

**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.

---

**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>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>16</td>
<td>104 H. Co.</td>
<td>GW-2</td>
<td>712</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Montana Highway</td>
<td>GW-2</td>
<td>702</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Shuson, Atchison</td>
<td>GW-2</td>
<td>379</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>GW-2</td>
<td>760</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>U.S. Army/ U.S.C.E.</td>
<td>GW-2</td>
<td>547</td>
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<tr>
<td>25</td>
<td>Liberty School District #4</td>
<td>GW-2</td>
<td>464</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962

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

Owner: LUBY MONTANA
Address: 
Driller: C & L PLUMBING CO.
Address: LUBY MONTANA
Date of Notice of Appropriation of Groundwater: 
Date Well Started: 9/13/69
Date Completed: 9/16/69
Type of Well: Drilled
Equipment Used: Drill
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>Site of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th</td>
<td>17#</td>
<td>0</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-In Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min.

How Tested: Bailed

Length of Test: 2 hours

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

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, three copies to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
## Notice of Completion of Groundwater Appropriation by Means of Well

**DEVELOPED AFTER JANUARY 1, 1963**

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

**STATE OF MONTANA**

**DEPARTMENT OF WATER CONSERVATION**

**NAME OF WELL**

**DATE OF NOTICE OF APPROPRIATION OF GROUNDWATER**

**DATE WELL STARTED**

**DATE COMPLETED**

**TYPE OF WELL**

**WATER USE**

**DEPTH AT WHICH WATER IS ENCOUNTERED, THICKNESS AND CHARACTER OF WATER-BEARING STRATA AND HEIGHT TO WHICH THE WATER RISES IN THE WELL.**

**SIZE OF DRIILLED HOLE**

**SIZE AND WEIGHT OF CASING**

**PERFORATIONS**

**STATIC WATER LEVEL FOR NON-FLOWING WELL**

**SHUT-IN PRESSURE FOR FLOWING WELL**

**PUMPING WATER LEVEL**

**DISCHARGE IN GAL. PER MIN. OF FLOWING WELL**

**HOW TESTED**

**LENGTH OF TEST**

**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).

---

**Driller's License Number**

**Driller's Signature**
State of Montana
Office of State Engineer

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

1. Patricia Slanson of Postoffice Box 141 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 livestock consumption and agricultural and horticultural purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—About 1934 or earlier; continuous since that time

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—Lots 5 and 6 in NE 1/4 sec 17, T 30 N, R 29 W

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal—Pump and pipeline from well located in approximately southwest portion Lot 6 (or southeast portion Lot 5) in above mentioned section

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—About year 1934 or earlier

8. The depth of water table—About 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—Timbered dug well about 5 feet square by 8 feet deep with electric motor driven pump and iron pipeline

10. The estimated amount of groundwater withdrawn each year—7,500,000 gallons

11. The log of formations encountered in the drilling of each well if available—Gravel (log 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—(None now known)

Signature of Owner:

Date: 21 December 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.

Patricia Slanson
Libby, Montana

County of Lincoln

State of Montana

Date 21 December 1963
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: Patricia Slavson
Address: No. Hwy. 37, St. Mary, Montana

Date well started: 9-20-70
Completed: 9-22-70

Type of well: Drilled (Dug, driven, bored or drilled)

Equipment used: Churn drill

Water Use: Domestic 

Drilled Weight (Feet) PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rise and Vertical of Castle</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 5/8&quot;</td>
<td>6 5/8&quot;</td>
<td>173</td>
<td>41</td>
</tr>
</tbody>
</table>

*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).

**Estimate Annual Withdrawal:** 3,000,000 gallons

**Top of Ground** (Miv. above sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>7</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>25</td>
<td>30</td>
</tr>
<tr>
<td>30</td>
<td>32</td>
</tr>
<tr>
<td>32</td>
<td>41</td>
</tr>
</tbody>
</table>

Static water level... ft.*

Pumping water level... ft.

Pumping rate... gallons per minute, measured...

60 minutes after pumping began.

*Measured from ground level.

Well developed by... hours

Power: Elec... Pump... HP

Pressure valve... shutoff

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

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

Driller's Signature: Clifford Berkson

Driller's Address: C & L Plumbing & Heating, Inc.

Box 7, Libby, Montana

LICENSE NO. 181

Show exact depth of bottom

47178517
Lincoln
Patricia Slauson, is who engaged the contract driller is

(Notarial seal)

Patricia Slauson
21st November 70

M Canoe

Libby
12 January 71
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: U. S. Army
Address: 1000, Montana

Driller: G. L. Plumbing and Heating
Address: 1000, Montana

Date of Notice of Appropriation of Groundwater

Date well started: 1/26/66
Date completed: 5/20/66

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.

<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>(ft)</td>
<td>(in)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>8'-25'-0</td>
<td>62</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well.

Pumping Water Level: 64 ft.

Discharge in gal. per min. of flowing well.

How Tested: Pump
Length of Test: 5 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.) 80 ft stainless steel 15 slot johnson well screen 5' long, plugged to bottom of string of pipe.

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.

Date: 1/1/61
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

Owner: Libby School Dist. No. 4
Address: Libby, Montana, 59923

Driller: G & L Plumbing & Heating
Address: Box L, Libby, Montana, 59923

Date Notice of appropriation of groundwater: 5-17-67

Date well started: 5-17-67
Date completed: 6-18-67

Type of well: Drilled
Equipment used: Chimed (drill, 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, silt, 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.

### Diagram

- **Static Water Level for non-flowing well**: 61 ft
- **Shut-in Pressure for flowing well**: 27 ft
- **Pumping Water Level**: 33 ft

Discharge in gal. per min. of flowing well

How Tested: Pumped

Length of Test: 20 hours

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

Screen 60 Slot

8 in. Stainless Steel

### Other Details

- **Well Screen est Depth of**: 160 to 169 ft
- **Bottom of hole**: 169 ft
- **Static Water Level for non-flowing well**: 61 ft
- **Shut-in Pressure for flowing well**: 27 ft
- **Pumping Water Level**: 33 ft

Discharge in gal. per min. of flowing well

How Tested: Pumped

Length of Test: 20 hours

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

Screen 60 Slot

8 in. Stainless Steel

### Additional Information

- **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)

Water Supply for Grade School Well Libby School District No. 4

---

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 License Number

Driller's Signature

44, 771
<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>24</td>
<td>U.S. Army, Corps of Engineers</td>
<td>G-W-2</td>
<td>6666</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>U.S. Army, Fire Tower</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1982

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

UNITED STATES OF AMERICA, By & through Department of the Army,
Seattle Dist. Corps of Engineers, 1729 Alaska Way E,
Address Seattle, Wash. 98101.

Owner: UNITED STATES OF AMERICA

# of License or Permit: 30-250-08-44

Notice of appropriation of groundwater

Date of Notice of appropriation of groundwater: 30 Apr. 68
Date well started: 30 Apr. 68
Date completed: 30 June 68

Type of well: DRILLED
Equipment used: GROIN
(Dug, driven, bored or drilled) (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 Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (Foot)</td>
</tr>
<tr>
<td>Size of Perforations</td>
</tr>
<tr>
<td>6 in.</td>
</tr>
</tbody>
</table>

Screen set Depth 100' to 105'

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>S</th>
<th>E</th>
</tr>
</thead>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Pumped

Length of Test: 12 Hrs.

Remarks: (Gravel packing, cementing, packer, type of shutoff) Wall Screen: 60 Slot, Stainless Steel 6g Plate
Length of Test: 12 Hrs.

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 form will be returned.

Owner: UNITED STATES OF AMERICA

Date: 3 Nov 68

President of Board of Water Resources

Driller's License Number: 30-250-08-44

H. M. Christensen, Chief, Acquisition Branch, Real Estate Division, Seattle District, Corps of Engineers 4-1986
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America (Name of Appropriator)
   Libby, Montana (County or Ranger Station)
   (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. For drinking and house use by seasonal residents of Fairview Guard Station

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well was dug prior to 1927.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1 gal. per minute maximum

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 used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is withdrawn by means of a hand pump located in NE 1/4, Sec. 22, T.39N. R.77W. M.P. unknown

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

8. The depth of water table. Known

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Dug well is 30 feet deep with hand pump. 8 feet of water at peak but well dried up in late summer.

10. The estimated amount of groundwater withdrawn each year. An estimated 5000 gal. of water is withdrawn each year.

11. The log of formations encountered in the drilling of each well if available. Not available. Well is in gravelly stream bed.

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. Recorded, Lincoln County. Libby, Montana

Page 625, 626

Signature of Owner
Kootenai National Forest
Libby, Montana
Date 7-5-62

- over -
1. United States of America, Libby, Montana (Haven Ranger Station)  
   (Name of Appropriator)  
   (Address)  
   (Town)  
   (County)  
   (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. For drinking and home use by seasonal resident of Havre Ranger Station.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well was dug prior to 1951.

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

   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 used for irrigation).

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is withdrawn by means of a hand pump located in NE quadrant of NE 1/4, Section 17, T110N, R77E, M9N.

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

   8. The depth of water table. Unknown.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well is 30 feet deep with hand pump. 8 feet of water at peak but well dries up in late summer.

   10. The estimated amount of groundwater withdrawn each year. An estimated 3000 gal. of water is withdrawn each year.

   11. The log of formations encountered in the drilling of each well if available. Well is on gravelly stream bank.

   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. Recorded, Lincoln County, Libby, Montana Book 6, Page 605, 606.

---over---

Signature of Owner: Kootenai National Forest  
Libby, Montana  
Date: 3/5/62  

Forest Supervisor: John Doe  
Kootenai National Forest  
Libby, Montana
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.

STATE OF MONTANA

County of ____________________________

J. E. Sanderson representing the United States

having first been duly sworn, deposes and says that he is of lawful age and represents the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant and says, subscribing, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

[Signature]

E. W. Erickson

Forest Supervisor

Kootenai National Forest

Libby, Montana

Subscribed and sworn to before me, this 6th day of March, 19__.

[Signature]

Notary Public for the State of Montana

Residing at Libby, Montana

My Commission expires July 6, 19__.
<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>17</td>
<td>Hummel, Kenneth</td>
<td>Gw-2</td>
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<tr>
<td>20</td>
<td>Appley, Linnier Bridge, Inc.</td>
<td>Gw-2</td>
<td>754</td>
<td></td>
</tr>
<tr>
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<td>St. Regis Land &amp; Dev. Corp.</td>
<td>Gw-2</td>
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</tr>
<tr>
<td>32</td>
<td>Flerm, Frank J.</td>
<td></td>
<td>140</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Wood, Committee TN</td>
<td>Gw-2</td>
<td>430</td>
<td></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 filled by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Kenneth Guinard
Address: Route 2
Troy, Montana

Date well started: 8/3/72
Date well completed: 8/7/72

Type of well: Driven
Equipment used: Other

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet) To (Feet)</th>
<th>Kind</th>
<th>Size</th>
<th>From (Feet) To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 in.</td>
<td>3 in. 8 lbs. per ft.</td>
<td>0 32</td>
<td>4 in. 6 in.</td>
<td>29 31</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 18 ft.
Pumping water level: 18 ft.
at 30 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by pumping for 4 hours.
Power: 2 HP Pump: 6 gal. HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: 
Driller's Address: Route 2 Troy, Montana

County: Lincoln
LICENSE NO. 52,455
Show exact depth of bottom 32 ft.
DRILLER'S LOG

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, state, otherwise the form may be returned.

Date well started: 7-6-70
Date well completed: 7-11-70

Type of well: Drilled
Equipment used: Churn
Water Use: Domestic

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

---

<table>
<thead>
<tr>
<th>ESTIMATED ANNUAL WITHDRAWAL</th>
<th>6,500,000.00 Gal.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>8&quot; x 20</td>
<td>0</td>
<td>84.7</td>
<td>Shop Screen 72</td>
</tr>
</tbody>
</table>

---

**Static water level:** 33 ft.*
**Pumping water level:** 42 ft.*
**at 25 gallons per minute, measured 45 minutes after pumping began.**

*Measured from ground level.
Well developed by: [Name]
for: 9 hours.
Power: Electric

Remarks: [Details]

*Screen bottom 2' blanked = 10'*

---

SW 1/4 SW 1/4 Sec. 20
T 35N R 33W XOX

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature:

Driller's Address: C & L Plumbing & Heating, Inc.
Revised 1969 • • ' - • County

HSHB^BI
nTnTE PUBLISHING COMPANY

MONTANA WATER RESOURCES BOARD _

Developed after January 1, 1962

This form to be prepared by driller, and three copies to be filed from To
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.

St. Regis Land Development Corporation
Owner
Address
Tacoma, Washington 98402

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

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).

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

Driller's Signature

Driller's Address

LICENSE NO. 141

<table>
<thead>
<tr>
<th>Date well started</th>
<th>Date completed</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>GW1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-30</td>
<td>7-72</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of strata</th>
<th>Depth of bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 15 ft.</td>
<td>Old well</td>
</tr>
<tr>
<td>15 - 21 ft.</td>
<td>Coarse sand and gravel</td>
</tr>
<tr>
<td>21 - 30 ft.</td>
<td>Some fine gravel</td>
</tr>
<tr>
<td>30 - 33 ft.</td>
<td>Sand or clay</td>
</tr>
<tr>
<td>33 - 38 ft.</td>
<td>Water (Chamney)</td>
</tr>
<tr>
<td>38 - 50 ft.</td>
<td>Grain (Gravel)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power of Pump</th>
<th>HP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measured from ground level. Well developed by Bollard.</td>
</tr>
<tr>
<td>Power of Pump = 5 HP. Remarks: (Gravel packing, cementing, packers, type of shut-off)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static water level</th>
<th>50 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level</td>
<td>175 ft.</td>
</tr>
<tr>
<td>at 2.3 gallons per minute, measured 20 minutes after pumping began.</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Estimation of annual withdrawal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Driller's Title</td>
</tr>
<tr>
<td>-------------------------</td>
</tr>
<tr>
<td>6/17/72</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SE, T</th>
<th>R</th>
<th>Sec</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>133</td>
<td>20</td>
</tr>
</tbody>
</table>

310 Show exact depth of bottom

51, 652
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELLS

Chapter 237 Montana Session Laws, 1961, as amended

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

Owner: 
Address: 
Type of well: 
Date well started: 
Top of ground: 
Height to which water rises in well: 

Driller's Log

<table>
<thead>
<tr>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dev. above sea level)</td>
</tr>
<tr>
<td>From</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>23</td>
</tr>
<tr>
<td>44</td>
</tr>
</tbody>
</table>

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

Static water level: ft.
Pumping water level: ft.

Perforations

<table>
<thead>
<tr>
<th>Size</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
</table>

Static water level measured ft. after pumping began. 
Pumping water level measured ft. after pumping began. 

Remarks: 

County: 
Received: OCT 17 1972

Driller: 
Well developed for: 
Power: 
Remarks: 

State number of acres and other data (i.e. Lot, Block and Addition): 

Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Size and Water of Contents</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>150</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

State numbr of gallons per minute.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANK WARNER
   (Name of Appropriator)
   Libby
   (Address)

   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: Human Consumption; Domestic use

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

   July 1944 to date

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

   6 inches

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

   not applicable

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

   pump

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

   July 1949 - completed

   8. The depth of water table:

   15 feet

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

   Driven well; 2½ inch casing
   22 feet deep

   10. The estimated amount of groundwater withdrawn each year:

   50,000

   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:

   not available

   Signature of Owner: S/ Frank Warner

   Date: 8/23/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962**

(Under Chapter 257, Montana Session Laws, 1961)

**Owner.** D. B. Wharton  
**Driller.** Al Bender

Date of Notice of appropriation of groundwater: _____________________________

Date well started: _____________________________ Date completed: _____________________________

**Type of well.** Drilled  
**Equipment used.** Churn drill

**Water use:** Domestic [X] Municipal [ ] Stock [ ] Irrigation [X]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Show exact depth of bottom.**

| N | W |  
|---|---|---|
|   |   |   |

**Static Water Level for non-flowing well** _____________________________ feet.

**Shut-in Pressure for Flowing Well** _____________________________ feet

**Pumping Water Level** _____________________________ feet at _____________________________ gal. per minute.

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

**How Tested** _____________________________

**Length of Test** _____________________________

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

| Lot 13, Upham Beach  
| SE 1/4, Sec. 32, T.29, R.33 |

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

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

Driller’s License Number _____________________________

Driller’s Signature _____________________________

Approved Stock Form—State Publishing Co., Helena, Montana—4119
<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>1</td>
<td>Huff, Robert</td>
<td>GW-2</td>
<td>761</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Milham, Eugene</td>
<td>GW-2</td>
<td>213</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Siposmand, FFO</td>
<td>GW-2</td>
<td>672</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Thompson, Francis S</td>
<td></td>
<td>412</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Thomas, Eileen</td>
<td>GW-2</td>
<td>653</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Ziegler, Helen</td>
<td>GW-2</td>
<td>619</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>C.R. Hut Sales</td>
<td>GW-2</td>
<td>872</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Stucky, Oliver</td>
<td>GW-2</td>
<td>910</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Erickson, Wilma</td>
<td>GW-2</td>
<td>851</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Erickson, William</td>
<td>GW-2</td>
<td>879</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Horn, Bessie</td>
<td></td>
<td>298</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Hasting, Donna</td>
<td>GW-2</td>
<td>485</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Zippel, Eugene</td>
<td>GW-2</td>
<td>532</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Thompson, Frank</td>
<td>GW-2</td>
<td>870</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Williams, Virginia</td>
<td>GW-2</td>
<td>463</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Thayer, William</td>
<td></td>
<td>726</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Olive, Diag</td>
<td>GW-2</td>
<td>441</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Battms, Alva</td>
<td></td>
<td>326</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Banks, Frank</td>
<td>GW-2</td>
<td>619</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Zollan, W.C.</td>
<td>GW-2</td>
<td>469</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>&quot;11&quot;</td>
<td></td>
<td>208</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Carpio, Eugene</td>
<td>GW-2</td>
<td>520</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>U.S. Forest Service</td>
<td>GW-2</td>
<td>628</td>
<td></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 37 Montana Session Law, 1961, as amended)

This form is to be completed by the 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: Robert Nash
Address: 
Date well started: July 30, 1970
Type of well: Drilled
Equipment used: Shown
Water Use: Domestic

*Measure 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: 75,000 Gals

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; L.D. 5/8&quot; O.D.</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Static water level: ground level, ft.
Pumping water level: 37 ft.
at 3 gallons per minute, measured minutes after pumping began.

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

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

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

LICENSE NO. 752
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Montana Fish & Game Commission, of Helena (Name of Appropriator)
   (Address) (Town)
   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 ____________________________
   Operation of Fish Hatchery

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ___________________________________________________________________
   Nov. 12, 1960

4. The amount of groundwater claimed (In. miner’s inches or gallons per minute) ______________________
   400.08 miner. inches
   10.02 cu. ft. per sec.

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: Gravity spring flow to 8 to 16” pipes

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept. 11, 1930

8. The depth of water table: Not Applicable

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: Not Applicable

10. The estimated amount of groundwater withdrawn each year: 4500 gallons per min. max.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Listed under the Fisheries Station
   Book 51 - Page 521

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

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

**State of Montana**

**State Water Conservation Board**

**Administrative of Groundwater Code**

**Top of Ground**

(Elev. above sea level)

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>165'-185' Sandy Clay and Gravel.</td>
<td>6&quot; I.D.</td>
<td>6 5/8&quot; O.D.</td>
<td>192</td>
</tr>
</tbody>
</table>

**Equipment used Drilled**

(Churn drill, rotary or other)

**Type of well**

- Domestic ☐
- Municipal ☐
- Stock ☐
- Irrigation ☐
- Industrial ☐
- Drainage ☐
- 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.

**Static Water Level for non-flowing well**

115 feet.

**Shut-In Pressure for Flowing Well**

Pumping Water Level... 185 feet at... 1 gal. per minute.

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

**How Tested**

- Bailer

**Length of Test**

5 hours

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

---

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

---

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

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

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

STATE ENGINEER  

1. Francis S. Thompson, of Sec. 18, T. 47 N., R. 26 W., Libby, 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>N</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based was for their own household use, and outside, for land garden and livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Aug. 1957, all the time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1 1/2 gates a 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 for lawn and garden.

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

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

8. The depth of water table. 3.7 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well 4 in. casing.

10. The estimated amount of groundwater withdrawn each year. 361,350 gallons approximately.

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

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: Francis S. Thompson

Date: 12/31/57

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**

(Developed after January 1, 1962)

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

**STATE WATER CONSERVATION BOARD**

**ADMINISTRATOR OF GROUNDWATER CODE**

Owner: William D. Lake  
Address: Abbey, Montana

Date of Notice of appropriation of groundwater: Sept. 10, 1968

Date well started: Sept. 10, 1968

Date completed: Sept. 14, 1968

Type of well: Drilled

Equipment used: Drilled (Drill, driven or bored)

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: Drilled Well Details

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PEROGRATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; L D.</td>
<td>6 5/8&quot; O.D.</td>
<td>0</td>
<td>60</td>
<td>36 holes, 2 per foot, from 35' to 55'</td>
</tr>
<tr>
<td></td>
<td></td>
<td>17,000 lbs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>per foot</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**

**Flowing**

Shut-in Pressure for Flowing Well:

Pumping Water Level:

Discharge in gal./min. of flowing well:

How Tested:

Length of Test:

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

Indicate location of well, 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. Each copy is to be retained by driller.

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

Driller's License Number: W.D. Lake

Driller's Signature: W.D. Lake

File No. 12/13

State of Montana

County: Lincoln

Logbook date: Oct. 17, 1968

Driller's Signature: W.D. Lake

Number: 44, 691
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: Date Completed: 

Type of well: Drilled Equipment Used: Churn, drill, rotary or other 

Water Use: Domestic: Municipal: Other: Irrigation: 

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

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

Static Water Level for non-flowing Well: 
Shut-in Pressure for Flowing Well: 
Pumping Water Level: 2.80 feet at 5gpm gal. per minute. 
Discharge: in gal. per min. of flowing well: 
How Tested: Bailed 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): 

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

Driller's License Number: 
Driller's Signature: 

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Operator.
**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:** A. & R. Auto Sales

**Address:** Rex 757

**Idaho, Montana 59922**

**May 19, 1992, 9:45 a.m.**

**Drilled**

**Date well started:** April 21, 1972

**GW 1**

**Date completed:** April 25, 1972

---

**Type of well:** Drilled

**Equipment used:** Air Rotary Drill

**Water Use:** Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

---

**Estimate Annual Withdrawal:** 100,000 gal. per year

---

**Top of Ground**

<table>
<thead>
<tr>
<th>Feet East</th>
<th>Feet North</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

---

**Static water level:** 82 ft.

**Pumping water level:** 158 ft.

**Perforations:**

- **Depth:** 96 ft.

---

**Remarks:**

- Gravel packing, cementing, packers, type of shutoff

---

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

Driller's Signature

Driller's Address: E. &. J. Box 967

**Idaho, Montana 59922**

**LICENSE NO.: 152**

---

50 ft. Show exact depth of bottom
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: 

Address: 

Date well started: 

Date well completed: 

Type of well: Drilled

Equipment used: Air Rotary

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

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

Estimated Annual Withdrawal: 95,000 gal. per yr.

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

Driller's Signature: 

Driller's Address: 

LICENSE NO. 122
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Smith
Address: 245 Maple Street, Helena, Montana

Driller: Jane Doe
Address: 123 Elm Street, Helena, Montana

Date of Notice of Appropriation of Groundwater: 8-23-66
Date well started: 8-23-66
Date completed: 8-23-66

Type of well: Drilled
Equipment Used: Churn, drill, rotary or other

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Frac. From To (Feet)</th>
<th>[PERFORATIONS]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Round 157 157</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 75 feet.
Shut-in Pressure for Flowing Well: 75 feet at 15 gal. per minute.
Pumping Water Level: 155 feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well: 2 gal.
How Tested: Balanced
Length of Test: 2 hours

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

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

Show exact depth of bottom.

Driller's Signature: Jane Doe
Driller's License Number: 123456

This form to be prepared by driller, and four 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
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.

[Form Details]

Owner: Donna Erickson and Loretta Erickson
Address: P.O. Box 598
Libby, Montana 59923

Date well started: May 4, 1972
Completed: May 21, 1972

Type of well: Drilled

Equipment used: Air Rotary

Water Use: Domestic

*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: 200,000 gal. per yr.

Top of Ground

<table>
<thead>
<tr>
<th>From (ft)</th>
<th>To (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>101</td>
<td>200</td>
</tr>
<tr>
<td>201</td>
<td>300</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Hole</td>
</tr>
<tr>
<td>6&quot; x 6&quot; x 6/8&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KIND Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; liner set to 20 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 115 ft.
Pumping water level: 105 ft.
3 Gallons per minute, measured 360 minutes after pumping began.

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

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

Driller's Signature: [Signature]
Driller's Address: P.O. Box 967

License No.: 150

Show exact depth of bottom: 59 ft.
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. **Abe F. Horst**, D. B. 47W, Libby
   - **Address**: Libby
   - **Town**: Lincoln
   - **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 & Irrigation**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - NOT CONTINUED

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - **45 G.P.M.**

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.
   - **10 ACRES.
     - | Acre | Name of Owner |
     - |------|--------------|
     - |      | Abe F. Horst |

6. The means of withdrawing such water from the ground and the location of the 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.
   - **Unknown**

8. The depth of water table.
   - **60'**

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.
   - **Spring Fed. - 20'**

10. The estimated amount of groundwater withdrawn each year.
    - **10,000 GALLONS**

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

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

Signature of Owner: **Abe F. Horst**

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

Owner: Donald Eading  Address: Libby, Montana
Driller: C. & L. Plugs & Hts  Address: Libby, Montana

Date of Notice of Appropriation of Groundwater: May 9, 1965
Date Well Started: May 9, 1965  Date Completed: May 13, 1965

Type of Well:  Equipment Used:  (dug, driven, bored or drilled)
Water Use:  (Churn, drill, rotary or 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 water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Chasing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6 gph</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17 ft</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 80 feet.
Shut-in Pressure for Flowing Well: 13 feet at 13 gal. per minute.
Pumping Water Level: 13 feet at 13 gal. per minute.
Discharge in gal. per min. of flowing well: 125 gal.
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)...

<table>
<thead>
<tr>
<th>Kind</th>
<th>Free (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Round</td>
<td>125</td>
<td>131</td>
</tr>
</tbody>
</table>

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.

29/156