<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>Johnson, L.E.</td>
<td>G12</td>
<td>322759</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Hallam</td>
<td>G12</td>
<td>322374</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Howard, Robert J.</td>
<td>G12</td>
<td>328199</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Mission Co. High School</td>
<td>G13</td>
<td>351190</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Sissy Lake High School</td>
<td>G12</td>
<td>327421</td>
<td></td>
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<tr>
<td>3</td>
<td>Lamm, R.</td>
<td>145740</td>
<td>138328</td>
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<tr>
<td>3</td>
<td>Bird, Thomas D.</td>
<td>G14</td>
<td>363223</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Burress, Marvin D.</td>
<td>G11</td>
<td>1162</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>F.B. Johnson, Inc.</td>
<td>G14</td>
<td>317455</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>F.B. Johnson, Inc.</td>
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<td>317446</td>
<td></td>
</tr>
<tr>
<td>3</td>
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<td>G14</td>
<td>317444</td>
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</tr>
<tr>
<td>3</td>
<td>Lamm, John P.</td>
<td>G14</td>
<td>952015</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Mackie, Maurice</td>
<td>G12</td>
<td>193365</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Thwing, Maurice, Janie</td>
<td>G13</td>
<td>297247</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Donley, L. A. &amp; Jessie</td>
<td>G12</td>
<td>332396</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Higland, Otto &amp; Mary</td>
<td>G12</td>
<td>316800</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Higland, Otto &amp; Mary</td>
<td>G12</td>
<td>315321</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Jones, Robert W.</td>
<td>G12</td>
<td>323697</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Life of Montana</td>
<td>G12</td>
<td>323279</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Life of Montana</td>
<td>G12</td>
<td>332948</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>G &amp; M Brokers</td>
<td>G12</td>
<td>316691</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Johnson, H. G.</td>
<td>G12</td>
<td>116</td>
<td></td>
</tr>
</tbody>
</table>
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF 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, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**Owner**

**Address**

**Seeley Lake, Montana**

**Date well started**

9/22/72

**Date well completed**

10/1/72

**Type of well**

Drilled

**Equipment used**

Cable tools

**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**

<table>
<thead>
<tr>
<th>Size of Drill Hole</th>
<th>Rate of Flow</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D. 17#</td>
<td>0</td>
<td>80</td>
<td>75</td>
</tr>
<tr>
<td>Plastic liner 4&quot;</td>
<td>80</td>
<td>91</td>
<td>80</td>
</tr>
</tbody>
</table>

Static water level: 32 ft.*
Pumping water level: 50 ft.*
At 12-15 gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level.

Well developed by: diving

Power: 5 HP

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

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

**Driller's Signature**

**Phone:** 262-4336

**Driller's Address**

Box 214, Lincoln, Montana

**LICENSE NO.** 203

---

Show exact depth of bottom

57 ft.
I received and filed this instrument to record on the 3-22-79, at 10:00 A.M., permanent ease of Missoula County, State of Montana. Witness my hand.

Vernon J. Greene, County Recorder
By
Deputy
Fee $20.00 deposited - Paid
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 337 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: Churn
Water Use: Municipal
*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 Delineated Hole</th>
<th>Size and Weight of Colony</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 3/4</td>
<td>6 3/8 00 + 2</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind Size</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: ______ ft.
Pumping water level: ______ ft.*

*Measured from ground level.

Well developed by ____________ hours.

Power: ____________ Pump, ____________ HP

Remarks: ____________

Driller’s signature: 
Driller's address: 
Driller’s license number: 103

COUNTY (MIS101)

RECEIVED
SEP 23 1962

DRILLER’S LOG

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>Clay and Rock</td>
<td></td>
</tr>
<tr>
<td>2.10</td>
<td>Sand and Rock</td>
<td></td>
</tr>
<tr>
<td>16.00</td>
<td>Sand and Water</td>
<td></td>
</tr>
<tr>
<td>20.84</td>
<td>Rock and Water</td>
<td></td>
</tr>
</tbody>
</table>

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

Driller’s signature: 
Driller’s address: 
Driller’s license number: 103

965” Show exact depth of bottom

51,455
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 337 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: Robert J. Howard
Address: 1952 S. 12th East, Missoula, Montana
Date well started: 10/16/72
Date well completed: 10/11/72
Type of well: Drilled
Equipment used: Cable tools
Water Use: Domestic 
Industrial

*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>Well Bore</th>
<th>Size of Well</th>
<th>Location</th>
<th>Backup, (if any)</th>
<th>Top of Strata</th>
<th>Bottom of Strata</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
<td>17# 0</td>
<td></td>
<td>Static water level</td>
<td>93'</td>
<td>93'</td>
<td></td>
</tr>
<tr>
<td>Plastic liner 4&quot;</td>
<td>90' 110'</td>
<td>slots 90 110</td>
<td>Pumping water level</td>
<td>75'</td>
<td>75'</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 93'
Pumping water level 75'
at 12-15 seconds, measured 109.5 minutes after pumping began.
*Measured from ground level.
Well developed by Building
for 5.90 hours.
Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

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

Driller's Signature: [Signature]
Phone: 562-4356
Driller's Address: Box 241, Lincoln, Montana

LICENSE NO. 203

59,471
I received and filed this instrument for record on the 10th day of Feb., 1973, at 1:55 P.M., in the permanent files of Missoula County, State of Montana.

Witness my hand:

Dorothy L. Hard, County Recorder
By: Sandra D. Johnson, Deputy
Fee $5.00 Paid
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 3, 1966

Missoula County

Owner: High School

Address: Missoula, Montana

Contractor (if any): None

Address of Contractor: 

Date Started: Date Completed: 

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. **By means of centrifugal pump from Morrell Creek**

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use: 20 minutes inches by capacity shown on pump curve

Missoula County High School

Signature of Owner: 

Chairman—Board of Trustees

Date: 

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Received and filed this instrument in the 16th day of January 1866 at 9 o'clock A.M., of Monroe County, State of Illinois, District of U.S.A.

Barney H. Green, Clerk of Circuit Court

By: [Signature], Deputy

25th 1870
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Elev. above sea level)</td>
<td>Seeley Lake High School</td>
<td>Seeley Lake, Montana</td>
</tr>
</tbody>
</table>

Appropriation by Means of Well

<table>
<thead>
<tr>
<th>0 to 162&quot; Clay &amp; gravel</th>
<th>162&quot; to 160&quot; Clay</th>
<th>160&quot; to 170&quot; Sand, gravel &amp; water (5 G/P.)</th>
<th>170&quot; to 179&quot; Clay &amp; gravel</th>
<th>179&quot; to 181&quot; Gravel, sand &amp; water (5 G/P.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>181&quot; to 301&quot; Red clay &amp; gravel</td>
<td>301&quot; to 315&quot; White silty clay &amp; gravel</td>
<td>315&quot; to 328&quot; Gravel with silty water (2 G/P.)</td>
<td>328&quot; to 371&quot; Clay &amp; gravel</td>
<td>371&quot; to 500&quot; Clay &amp; gravel</td>
</tr>
<tr>
<td>500&quot; to 500&quot; Clay, gravel &amp; silty water</td>
<td>525&quot; to 470&quot; Clay &amp; gravel</td>
<td>470&quot; to 471&quot; Gravel, clay &amp; silty water (5 G/P.)</td>
<td>471&quot; to 530&quot; Sand Clay &amp; gravel</td>
<td></td>
</tr>
</tbody>
</table>

Stable Water Level for non-flowing Well: 10½' from S.L. feet.

Shut-in Pressure for flowing Well: 48 ft. 5 G/P. gal. per minute.

Discharge in gal. per min. of flowing well:

<table>
<thead>
<tr>
<th>Test Pump Hours</th>
<th>Length of Test</th>
<th>16½ hours</th>
<th>4 hours Well testing, SO ft. with compressor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shutoff, location of plans of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
Form No. 18

T. 16 S R. 15 W

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Bu-y I. Harryman
Address Scalney Lake

Driller Robert Hudnun
Address Helmville

Date Started August 10, 1961
Date Completed Aug 22, 1961

Location: Sec. 3 T. 16 N R. 15 W ¼ sec.

Type of well Drilled
Equipment used Churn Drill

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

Casing: 12 inches to 68 ft. Type Black Iron Size 6½ in. OD
above ground

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations None

Static Water level, for non-flowing well: 56 feet.

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

Pumping water level 11 feet at 16 gal. per min.

How tested: 4 hours

Length of test

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>34</td>
</tr>
<tr>
<td>34</td>
<td>52</td>
</tr>
<tr>
<td>52</td>
<td>64</td>
</tr>
<tr>
<td>64</td>
<td>68</td>
</tr>
</tbody>
</table>

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

Thomas D. Bird
Seeley Lake

County of Missoula State of Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, July 1, 1958, and continuously thereafter.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Five hundred 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 Lot 5 of Coyle Addition, and Lot 23 of Seeley Lake Shore Sites, and adjoining area in Missoula County, Montana, in Section 3, Township 16 North, Range 15 West.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, is a box-shaped protective cover over the artesian water source, and a pipeline from the cover to the area of use.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, July 1 to 31, 1958.

8. The depth of water table the water risen to the surface naturally not determined.

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. The well is artesian in nature, rising in the floor of Seeley Lake approximately 200 feet from low water mark, off shore from Lot 23, above.

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

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

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

Signature of Owner
Date July 31, 1967

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.
I, the undersigned, hereby certify that the enclosed document is a true and correct copy of the original, which was submitted on the day of September 1949, to the County Recorder of Missoula County, State of Montana.

County Recorder

[Signature]

[Date]

[County Recorder's Seal]
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Marvin R. Thorsen, of 307 S. Short Street, Missoula, Montana
   (Name of Appropriator) (Address) (Town)
   County of Missoula, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

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

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
   2-million-gals.-per-year 2-miners.-inches

4. The annual period (inclusive dates) of intended use—March 1 to December 1

5. The probable or intended date of first beneficial use—June 1, 1964

6. The probable or intended date of commencement and completion of the well—May 30, 1964

7. The location, type, size and depth of well or wells contemplated—West 1/4 of Lot 8, of Seeley Lake Shore Site, a platted subdivision in Missoula County, Montana according to the official plat thereof on file and on record in the office of the County
   (describe location, type, size and depth of well or wells contemplated)

8. The probable or intended date of first beneficial use—June 1, 1964

9. Name, address and license number of the driller engaged—As yet, we have not obtained bids from the local drillers.

10. Give such other similar information as may be useful in carrying out the policy of this act
   Name and license of driller:
   Signature of Appropriator
   Date

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

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

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

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

FEB 17 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS

1. **F. E. Johnson, Jr.**
   - (Name of Appropriator)
   - (Address)
   - (Town)
   - (City)
   - (County)
   - (State)
   - (Zip Code)

2. The beneficial use on which the claim is based:
   - Commercial
   - Industrial

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **Fall 1953, Continuous Since**

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 300 gal per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - **Within a few feet of a natural pond about a block square, located in Sec. 3, Twp 14, RGE 15N**

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

8. The depth of water table: **approximately 400 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:
   - All foot well with 8 inch pipe, pipe is perforated at about 101, which is about 20 feet below pond level, also perforation at about 150 to 200 feet and at the 400 to 450 foot level.

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

11. The log of formations encountered in the drilling of each well if available:
   - Drilled at about 0 to 28 feet, placer silt to approximately 150 to 200 foot depth where a 10 to 20 foot vein of gravel runs, then it is silt to approximately 465 to 475 foot level where another gravel vein exists. Also near the 400 foot level the driller ran into petrified lags about 20 to 24 inches in diameter.

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:
   - **For further information, check at the State Board of Health, Helena, for Ken Camp, well Driller, #215 report submitted near the close of the year 1953 or early 1954. Formerly J & H Draper Co. New F. D. Johnson Inc.**

Signature of Owner:

Pres. Date: 1/22/64

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.
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

<table>
<thead>
<tr>
<th>1. F.D. Johnson Inc.</th>
<th>of</th>
<th>Seeley Lake</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County of</th>
<th>Missoula</th>
<th>State of</th>
<th>Montana</th>
</tr>
</thead>
</table>

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Summer 1959, used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 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: 0.50 acres in sec. 3, Twp. 16, Range 15N.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1959 completed.

8. The depth of water table: 3 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: Hand dug; gravel.

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: gravel.

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

Formally J & K Lumber Co
Signatur: of Owner
Name F.D. Johnson Inc.

Date: 1/4/64

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.
I received and filed this instrument for record on the ___ day of __________, 19___ at __:__ o'clock A.M., according to law, at Missoula, Montana, County, State of Montana.

Witness my hand:

MARTIN E. REINER, County Recorder
by: ____________ Deputy
Fees: ____________ Paid

COPY
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. P. D. Johnson Inc., of Seeley Lake, Montana
   (Name of Appropiatce)
2. The beneficial use on which the claim is based:
   Domestic and yard Irrigation - Cook House well
3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   Fall 1953, Continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   130 gal. per minute. 60 pipe
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:
   Various small buildings and trailer houses have small laws which they irrigate.
   Located in Sec 3 Twp 16 Range 15N
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Electric pump and motor 1/4 HP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Sept. 16, 1953 completed Sept. 30, 1953
8. The depth of water table:
   Approx. 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:
   230 foot well, 6" pipe
10. The estimated amount of groundwater withdrawn each year:
    400,000 to 500,000 gal. per year
11. The log of formations encountered in the drilling of each well if available:
    0 to 25 feet gravel, 25 to 234 feet glacial silt, 234 to 239 feet, loose and mixed silt mixed water
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:
    Formerly J & N lumber Co.
    Partnership changed to
    Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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.
I received and filed this instrument for record on the _/__/__ day of ___________ of __________, ________ at ____________ o'clock ____________ time of Minnesota County, State of Minnesota 
Witness my hand: 

MARTIN E. REINER, County Recorder 
By: ____________________
For ____________
Paid
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

John Pilon home 1534 W. Addison, Missoula

County of Missoula 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
   House

3. Date or approximate date of earliest beneficial use and how continuous the use has been
   Aug. 23, 1961

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   Lot 11, Block 1, Section 7, T. 14, R. 15

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Elec. pump located on said land

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater
   Aug. 19, 1961 Aug. 23, 1961

8. The depth of water table
   56 ft.

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Cas. water well 100 ft.

10. The estimated amount of groundwater withdrawn each year
    183,500 gal.

11. The log of formations encountered in the drilling of each well if available
    [Log details]

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
    Water well log 1964

Signature of Owner

Date July 11, 1966

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.
I received and filed the instrument for record on the 18th day of July, 1966, at 1:45 o'clock in the afternoon, of Minnesota time, in the Clerk's Office of the District Court of the Fifth Judicial District of the State of Montana.

Witness my hand.

[Signature]

County Recorder

By [Signature], Deputy

[Stamp]
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Maurice Mack
Address: Lockheed, Mont

Driller: John Farrell
Address: Anchor, Mont

Date of Notice of Appropriation of Groundwater: April 19, 1967

Date well started: April 19, 1967

Date completed: April 24, 1967

Type of well: Drilled

Equipment Used: Serre, shovel

(Dug, driven, bored or drilled)

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

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

The above well situated on Lot One (1) in Block Eight (8) of Sealey Lake Homesteads Addition Number Two (2), Missoula County, Montana.

Owner's Address: 3424 South 30th, Missoula, Montana

Driller's Address: 212 Raintree Lane, Missoula, Montana

Date of Notice of Appropriation: April 19, 1967

Date well started: April 19, 1967

Date completed: April 24, 1967

Type of well: Drilled

Equipment Used: Shovel, shovel

(Dug, driven, bored or drilled)

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

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

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

Show exact depth of bottom.

Static Water Level for non-flowing well: 10 feet.

Shut-in Pressure for flowing well: 50 feet at 400 gal. per minute.

Pumping Water Level: 120 feet at 500 gal. per minute.

Discharge in gal. per min. of flowing well: 500 gal.

How Tested: Bader

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)

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: 14

Driller's Signature: John Farrell

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

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

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

552.
I received and filed this instrument for record on the 11-day of May 1862 at 12 o'clock A.M. pursuant to the laws of Missoula County, State of Montana.

Witnes my hand,

MARTIN B. BEINER, County Recorder

By C. B. STOUT, Deputy

193365
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: November 17, 1970
Owner: Janine L. Nyquist
Address: 2757 Greenbrier
Great Falls, Montana

Contractor (if any)..........................
Address of Contractor..........................
Date Started.......................... Date Completed..........................

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Electric Centrifugal pump from creek 3/4 HP motor 2 inch suction pipe with 1 1/2 inch discharge pipe

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use:
Pump 3/4 HP, 8 foot lift giving capacity in GPH 1650, Pump in use part time April Through September for lawn and tree watering

Signature of Owner: ...........................................
Date: 11/17/70

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
2069

297547

I received said deed this just mentioned for
record on the 21st day of June, 1922,
and thereafter entered in the County Recorder's
Office in the County of, State of Montana

This just mentioned Deed is in full accord
with the requirements of said County

Recorder's Office.

Town of

Date

Notary Public

Town of

Date

Notary Public

Town of

Date

Notary Public

Town of

Date

Notary Public
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

Mont 5,968

Date well started

Type of well

Equipment used

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

*Describe concrete curb, offset, pipe, diaphragm, etc.

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 Lot</th>
<th>Size and Number of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Top of Ground

Static water level 10 ft.

Pumping water level 2 ft.

dg gallons per minute, measured minutes after pumping began.

*Measured from ground level. Well developed by Don't Know for hours. Power: Pump 1/2 HP. Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

LICENSE NO.
I received and filed this instrument for record on the 20th day of July, 1921 at 9 o'clock A.M. in the presence of Missoula County, State of Montana.
Witness my hand:
By _______ , County Recorder
By _______ , Deputy
Paid _______
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1911)

Date of Appropriation of Groundwater: July 1957
Owner: Martin H. Nagel
Address: Hays Lake, Mont.
Contractor (if any): None
Address of Contractor: 

Date Started: Date Completed: 

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

By pump
and fork from Hays Lake River

adjacent to property

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

Signature of Owner: Martin H. Nagel
Date: Jan 6, 1957

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument to record on December 13, 1969 at 3:10 o'clock P.M., permanent file of Missoula County, State of Montana.

Witness my hand:
MARTIN E. RHOADE, County Recorder
By
I'm 1000
Paid

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

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

Otto J. and May H. Hasland, of P.O. Box 36, Ashley, MT

County of Valley, 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Oct. 1st 1951 - 52

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Approximately 5 gals. per min. for 1 1/4 - 2 1/2 gals. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Approx. 10 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump well; Location: Lot 15, Block A, Section 10, T24N/R6E W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Construction of pump well: Sept. 15th, 1952

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: Pump well, depth approximately 15 feet, 4 in. from water line. Drilled on lot 15, block A, sec. 10

10. The estimated amount of groundwater withdrawn each year: Approximately 5,350 gal.

11. The log of formations encountered in the drilling of each well if available: Drilled 14 1/2 ft. from water line. Drilled on lot 15, block A, sec. 10

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: Otto J. and May H. Hasland

Date: Dec. 26, 1952

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)

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 assumed.

**Owner:** Robert W. Jones

**Address:** 125 Miller Co.

**Phone:** 838-5, 326-611

**Location:** Missoula, Mont.

**Date well started:** Jan. 5, 1962

**Completed:** 2-1-46

**Type of well:** Dug

**Equipment used:** Hand

**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:** Unknown

<table>
<thead>
<tr>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot;</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>Irrac</td>
</tr>
</tbody>
</table>

**Static water level:** 5' ft.

**Pumping water level:** 2' ft.

at 30 gallons per minute measured 15 minutes after pumping began.

**Measured from ground level.**

**Well developed by:** for ________ hours.

**Power:** Pump 1 HP

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

**Indicate Location of Well and Place of Use, if possible. Each Small Square Represents 40 Acres.**

**Driller’s Signature:**

**Driller’s Address:**

**License No.:**

**Top of Ground (Sec., T., Range):**
I received and filed this Instrument for record on the ___ day of July, 19__ at ___ o'clock ___ in the Permanent files of Missoula County, State of Montana.

Witness my hand:
Dorothy L. Head, County Recorder
Deputy

Fee $____ Paid
# Driller's Log

**NOTE:** The form must be completed by the driller, and three copies are to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, with the last copy to be retained by the driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**Owner**

**Address** Box 218

**Bozeman, Montana**

Date well started: 9/14/72, GW 1

Completed: 9/19/72

**Type of well:** Drilled

**Equipment used:** Cable Tools

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

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

**Estimated Annual Withdrawal**

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Place of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 0 W 50</td>
<td>17# 0 70</td>
<td>Kind</td>
<td>From (Feet)</td>
<td>To (Feet)</td>
</tr>
</tbody>
</table>

- Static water level: 65 feet
- Pumping water level: 60 feet
- At 65 gallons per minute, measured 1 hour 20 minutes after pumping began.

Well developed by cementing for two hours.

Power: Pump, 1 HP

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

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

Driller's Signature: [Signature]

Driller's Address: Box 201, Lincoln, Montana

License No.: 203

Show exact depth of bottom: 70 feet.
I received and filed this instrument for record on the 27th day of October, 1955, at 1:20 o'clock P.M., pursuant to the laws of Missoula County, State of Montana.

Witness my hand.

[Signature]

Yardmen B. Cattell, County Recorder
By: [Signature]

Ex. 2390 A 0. (Field)
## Driller's Log

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 20</td>
<td>Top soil &amp; boulders</td>
<td></td>
</tr>
<tr>
<td>20 - 80</td>
<td>layers of red rock with clay halos</td>
<td></td>
</tr>
<tr>
<td>80 - 90</td>
<td>red rock</td>
<td></td>
</tr>
<tr>
<td>90 - 95</td>
<td>shattered rock</td>
<td></td>
</tr>
</tbody>
</table>

---

**Owner:** Life of Montana

**Date well started:** 8/23/72

**Date well completed:** 8/30/72

**Type of well:** Drilled

**Equipment used:** (Chimney drill, rotary or other)

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

**Use:** If used for irrigation, industrial, drainage or other. Explain 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>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
<td>17# 0 85</td>
<td>Slots 80 85</td>
</tr>
</tbody>
</table>

---

**Static water level:** 40 ft.*

**Pumping water level:** 60 ft.*

*Measured from ground level.

**Power:** Pump HP

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

---

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

---

**Driller's Signature:** H. D. Martin

**Driller's Address:** Box 241, Lincoln, Montana

**License No.:** 203

---

**Show exact depth of bottom:** 95′
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: Life Of Montana
Address: Box 218
Bozeman, Montana
Date well started 6/26/73
completed 5/14/73

Type of well: Drilled
Equipment used: Cable Tools
Water Use: Domestic, Municipal, Stock, Irrigation, Industrial, Drainage, Other, Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Size and Type of Casing</th>
<th>Top of Ground (Ev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17# +21</td>
<td>Top of gravel &amp; rock</td>
</tr>
<tr>
<td>Plastic Liner 4&quot;</td>
<td>116 138</td>
<td>alocate 118 138</td>
</tr>
</tbody>
</table>

Static water level

Pumping water level

at ...gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level.

Well developed by ... for ... hours.

Power: Pump: HP

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

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

Driller's Signature

Driller's Address: Box 218, Lincoln, Montana

LICENSE NO: 203

Show exact depth of bottom
332945

I am bound and find this instrument for record on 0-26-1923 at 11:00 o'clock AM in the Court House of Missoula County, State of Montana.

Witness my hand:
Dorothy L. Head, County Recorder
By: 2nd Hand, Deputy

Fee $2.00 (Paid $2.00)
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Gim Brookes - 275 East Broadway,
Well at Scely Lake

Owner: A. W. Martinson
Address: 275 E. Broadway

Date of Notice of Appropriation of Groundwater

Date well started: 3/6/63
Date Completed: 5/16/63

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

Water Use: Domestic
Municipal
Other
Irrigation
Industrial
Drainage
Stock

Test hole
Water: 64' to 95' Clay & Gravel
95' to 96' Gravel & Water (10 G.P.M.)
96' to 119' Clay & Gravel
119' to 120' Water

Gravel (25 G.P.M.)
6' T.D.
19 lbs to 122' 6'

Table:

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Weight of</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Drilled Hole</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Kills
Knife 7 holes 6'
3/8 by 20'

Static Water Level for non-flowing Well: 48 from 6.0 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 55 feet at 45 gal. per minute
Discharge in gal. per min. of flowing well
How Tested: Gage
Length of Test: 2 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)

None

N. E. Martinson
Driller's License Number: 47
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 quaduplicate for the Appropriator.
I received and filed this instrument for record on the 16day of Sept., 19-03, of R.R. Smith, of M.M., pursuant to title of Missoula County, State of Montana.

Witness my hand:

MARTIN R. BEHNER, County Recorder

By: MARY BEHNER, Deputy

The above record of filed and recorded on the day of Aug. 27, 2003.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. H C Johnson
   (Name of Appropriator)

   SW 1/4 Sec. 18 T. 16 N. R. 15 W.
   (Address)

   Missoula
   (Town)

   Missoula
   (County)

   Montana
   (State)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   July 1938

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.

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.
   July 1938

8. The depth of water table.
   10'

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.
   18' Depth

10. The estimated amount of groundwater withdrawn each year.
    INITIAL 15,000 gallons

11. The log of formations encountered in the drilling of each well if available.
    Gravel and Rock 18' - water level 10'

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.
    Drilled by R H Noworay of Missoula, Montana

Signature of Owner

Date December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>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>6</td>
<td>City of Montana</td>
<td>MW 2</td>
<td>332722</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>City of Montana</td>
<td>MW 2</td>
<td>332723</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>City of Montana</td>
<td>MW 2</td>
<td>322746</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>City of Montana</td>
<td>MW 2</td>
<td>322791</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Flouret, George R.</td>
<td>MW 3</td>
<td>322790</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>News, Mr.</td>
<td>MW 3</td>
<td>215001</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Drew, Mr.</td>
<td>MW 3</td>
<td>215002</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 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:
Life of Montana
Address: Box 218
Bosman, Montana

Date well started: 4/13/73
Date well completed: 4/19/73

Type of well: Drilled
Equipment used: Cable Tools

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cable</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
<th>Wd</th>
<th>Holes</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6¾ I.D.</td>
<td>17#</td>
<td>0</td>
<td>90</td>
<td>Slots</td>
<td>60</td>
<td>90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plastic Liner 4½”</td>
<td>85</td>
<td>115</td>
<td></td>
<td>Slots</td>
<td>85</td>
<td>115</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 20 ft.
Pumping water level: 98 ft.
at 156 gallons per minute measured 20 minutes after pumping began.

*Measured from ground level.
Well developed by Drilling for 156 hours.
Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Phone: 952-9555
Driller’s Address: Box 241, Lincoln, Montana

LICENSE NO: 203

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>22</td>
</tr>
<tr>
<td>22</td>
<td>72</td>
</tr>
<tr>
<td>72</td>
<td>89</td>
</tr>
<tr>
<td>89</td>
<td>115</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.

53.395
I received and filed this instrument for record on the __ day of __, 19__ at __:__ A.M., permanent files of Missoula County, State of Montana.

Witness my hand:

__________________
Dorothy L. Hood, County Recorder

By: __________________, Deputy

Fee $ _____ paid

332732
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 completed 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: Life of Montana
Address: Box 218, [Street, City, State, Zip]
Bossmen, Montana: [Street, City, State, Zip]
Date well started: 4/3/73
Date well completed: 4/13/73

Type of well: Drilled
Equipment used: Cable Tools

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

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

Size of Drilled Hole: 6" I.D.
Size of Plastic Liner: 4"

Perforations:
- Size (Feet): 17#
- From: 0
- To: 260'
- Slots: 250
- Rate: 300

Top of Ground:
- From (Feet): 0
- To (Feet): 22

Drilled Well (Foot) (Well) Perforations

Static water level 80 ft.
Pumping water level 280 ft.

Measured from ground level. Well developed by cementing for 240 hours.

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

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

Driller's Signature: [Signature]
Driller's Address: Box 241, Lincoln, Montana

LICENSE NO. 502

COUNTY: Missoula

Page No.: 6
I received and filed this instrument for record on the 1st day of June, 1973 at 11:15 o'clock A.M. in the permanent files of Missoula County, State of Montana
Witness my hand:
Dorothy L. Head, County Recorder
By: Roseanne L. Polson, Deputy
For: R. D. Polson, P.O. Box
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: Life Of Montana
Address: Box 218, File 2195327946

Barosan Mtna.

Date well started: July 19, 1973
completed: July 25, 1973

Type of well: Drilled
Equipment used: Cable Tools

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Site of Drilled</th>
<th>Rise and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Drilled Hole</td>
<td>Kind of Casing</td>
<td>Feet</td>
<td>Feet</td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>Plastic Liner</td>
<td>98</td>
<td>110</td>
<td>slots 98</td>
</tr>
</tbody>
</table>

Static water level: 75 ft.
Pumping water level: 75 ft.
at 20 gallons per minute, measured 120 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

Driller's Address: Box 241, Lincoln, Montana

LICENSE NO. 207

County: Lincoln

Show exact depth of bottom: 110 ft.

53/427
I received and filed this instrument for record on the 16 day of June, 1973, at 10:00 a.m., in the Office of the County Recorder of Missoula County, State of Montana. Witness my hand.

Dorothy L. Haux, County Recorder
By Paul C. Conners, Deputy
Fee $5.00

32246
**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:** Life of Montana

**Address:** Box 218

**Bosman, Montana**

Date well started: **Sept. 7/72**

GW 1

Date well completed: **Sept. 14/72**

**Type of well:** Drilled

(Dig, driven, bored or drilled)

**Equipment used:** Cable Tools

(Churn drill, rotary or other)

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

Industrial □ Drainage □ Other □ Garden/Lawn □

*Describe

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Kind of Water</th>
<th>Flow (GPM)</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil &amp; surface</td>
<td>130</td>
<td>0</td>
<td>130</td>
</tr>
<tr>
<td>Clay, gravel &amp; boulders</td>
<td>110</td>
<td>10</td>
<td>120</td>
</tr>
<tr>
<td>Clay &amp; small gravel</td>
<td>120</td>
<td>20</td>
<td>130</td>
</tr>
<tr>
<td>Clay &amp; course gravel</td>
<td>120</td>
<td>40</td>
<td>130</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind of Water</th>
<th>Flow (GPM)</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic liner</td>
<td>17#</td>
<td>0</td>
<td>41</td>
</tr>
<tr>
<td>Plastic liner</td>
<td>4&quot;</td>
<td>0</td>
<td>130</td>
</tr>
</tbody>
</table>

Static water level: 80 ft.*

Pumping water level: 100 ft.*

Depth to water: 30 ft.*

*Measured from ground level.

Well developed by bailing for 1 hour.

Power: Pump: HP

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

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

Driller's Signature: W. Martin

Phon: 72-432

Driller's Address: Box 241, Lincoln, Montana

LICENSE NO. 203

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>130</td>
</tr>
<tr>
<td>15</td>
<td>0</td>
</tr>
<tr>
<td>40</td>
<td>20</td>
</tr>
<tr>
<td>40</td>
<td>20</td>
</tr>
<tr>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>60</td>
<td>20</td>
</tr>
<tr>
<td>60</td>
<td>20</td>
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<tr>
<td>70</td>
<td>20</td>
</tr>
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<td>70</td>
<td>20</td>
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<td>80</td>
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<td>20</td>
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<td>90</td>
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<td>100</td>
<td>20</td>
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<tr>
<td>110</td>
<td>20</td>
</tr>
<tr>
<td>110</td>
<td>20</td>
</tr>
<tr>
<td>120</td>
<td>20</td>
</tr>
<tr>
<td>120</td>
<td>20</td>
</tr>
</tbody>
</table>

Show exact depth of bottom: 130*
WELL NO. 2 LOT 59

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 337, Mont. Code Ann., 1957, 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.

Life of Montana

Owner

Box 218

Bozeman, Montana

Date well started

8/31/72

Date completed

9/6/72

Type of well

Drilled

Equipment used

Cable Tools

Water Use

Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □* Garden/Lawn □

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Stone</th>
<th>Size and Depth of Caller</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>92</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slots 87 92</td>
</tr>
</tbody>
</table>

6" I.D.

Top of Ground

<table>
<thead>
<tr>
<th>Feet</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>60</td>
<td>6</td>
</tr>
<tr>
<td>87</td>
<td>103</td>
</tr>
</tbody>
</table>

Static water level

54 70 ft.

Pumping water level

50 20 ft.

at 120 gallons per minute, measured minutes after pumping began.

*Measured from ground level

Well developed by

for hours.

Power:

Pump HP

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

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Address

Box 218, Lincoln, Montana

Driller's License No.

LICENSE NO.

51 540
I received and have this instrument on board on Jan., 22d, 1871, at 11:30 a.m., at the point where a line of Missouri Lead.

Witness to the

Assay by

For J.S. Goddard—Post

J.M. Goddard
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 20, 1961
Owner: Geo. R. & Evelyn R. Address: 300 Strand
Hinkle Owners
Contractor (if any) Home (work done by owner)

Address of Contractor: Home

Date Started: July 10, 1961 Date Completed: July 20, 1961

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring excavated to depth of 9 feet,
concrete storage tanks installed, piped to cabin about
150 feet away. Water has about 75 feet fall in
this distance.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. Water measured
185 of May, 1961 by filling drum and timing flow.
approximately 10 gallons per minute. Water used for
sprinkling grass and small garden from May till October,
used at cabin whenever occupied. Also used for stock
water.

Signature of Owner: ________________
Date: August 20, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
I received and filed this instrument for record on the 23rd day of August, 1963, at 10:30 o'clock A.M., in the office of the Recorder of Missoula County, State of Montana,VBoxLayout: by my hand.

MARTIN S. REINER, County Recorder

By: [Signature of Deputy Recorder]