TRIPlicate

Top of Ground
(Elev. above sea level __ _)

60 ft. H
Clay with trace of gravel
Silt
65 ft. Sat
Muddy sand
53 to 65 ft
Water-bearing gravel

Date of Notice of Appropriation of Groundwater __ __
Date well started __ __
Date Completed __ __
Type of well __ __
Equipment Used __ __

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.

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, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation)

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 School of Mines and quadruplicate for the Appropriator.

44, 652
STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 17th day of August
A.D. 1949 at 2:30 o'clock P.M.

[Signature]
County Clerk and Recorder

[Signature]
Deputy
<table>
<thead>
<tr>
<th></th>
<th>N</th>
<th>E</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>The beneficial use on which the claim is based.</td>
<td>home use and stock water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Date or approximate date of earliest beneficial use; and how continuous the use has been.</td>
<td>Approx. 1955</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>The amount of groundwater claimed (in miner's inches or gallons per minute).</td>
<td>100 gallons per minute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>S.e.</th>
<th>N.e.</th>
<th>207-208-29</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.</td>
<td>The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.</td>
<td>at least 50 years ago</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>The depth of water table.</td>
<td>approx. 12 ft</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>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.</td>
<td>well with concrete casing approx. 20 ft deep</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 pumps.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 10. | The estimated amount of groundwater withdrawn each year. | 600,000 gallons |
| 11. | The log of formations encountered in the drilling of each well if available. | clay, sand and silt |
| 12. | Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. | None |

Signature of Owner: ____________________________
Date: _______ 19__

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.
TRIPUCATE

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 Revised Laws, 1961)

Owner: John Doe
Address: 123 Main St
Date of Notice of Appropriation of Groundwater

Driller: Jane Smith
Date well started: Nov 1, 2023
Date well completed: Dec 31, 2023
Type of well: Drilled
Equipment Used: Drill, rotary or drilled

Water Use: Domestic

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 (Feet)</th>
<th>Size and Weight of Cutting (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td>23</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 22 feet.
Shut-in Pressure for Flowing Well: 150 psi
Pumping Water Level: 45 feet at 10 gpm
Discharge in gpm of flowing well: 3 gpm
How Tested: Drilled
Length of Test: 3 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.

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.

Driller's License Number: 12345
Driller's Signature: Jane Smith

[Diagram and notes]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Henry A. Keller, 78 West 3rd St.
   (Name of Appropriator) (Address) (Town)

   County of Montana
   State of Montana

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

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

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

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

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

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

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

   8. The depth of water table.

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

   10. The estimated amount of groundwater withdrawn each year.

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

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

   Signature of Owner: Henry A. Keller
   Date: 1/18/1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
# Declaration of Vested Groundwater Rights

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

**Declaration of Vested Groundwater Rights**

Under Chapter 237, Montana Session Laws, 1961

**1. John T. Martinson**
   - Name of Appropriator
   - Address
   - Town

- **County:** Flathead
- **State:** Montana

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

<table>
<thead>
<tr>
<th>Grid</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>B1</td>
</tr>
<tr>
<td>B1</td>
<td>C1</td>
</tr>
<tr>
<td>C1</td>
<td>D1</td>
</tr>
<tr>
<td>D1</td>
<td>E1</td>
</tr>
</tbody>
</table>

1. The beneficial use on which the claim is based: household, livestock use, and irrigating gardens.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: about 1910; and continuously since.

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

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

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

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

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

8. The data of water table about seventy feet.

9. The depth of each well or other works for withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year: 72,000 gal.

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

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

**Signature of Owner:**

John T. Martinson
Date: Dec 17, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
STATE OF MINNESOTA
COUNTY OF HAMLINE

Filed on the 7th day of Nov.
A.D. 1965, at 10 o'clock P.M.

J. E. M.
County Clerk and Recorder

By: J. M.
Deputy
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner: Fred Boster
Address: 742182.75

Driller: Homer
Address: 742182.75

Date Started: Jan. 13, 1959
Date Completed: Dec. 7, 1959

Location: Sec. 27, T. 23 R. 32 W. 4

Type of well: Drilled
Equipment used: Cable tools

Water use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other: □

Casing: 7.5 to 24 ft. Type: 20 w. Size: □

Type of screen or perforations: □

Static Water level, for non-flowing well: 135 feet.

Shut-in pressure, for flowing well: 115 lb. sq. in. on: (date)

Pumping water level: 23 feet at 700 gal. per min.

How tested: Boiler

Length of test: 2 hrs.

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>8 ft.</td>
<td>Cement boulders</td>
</tr>
<tr>
<td>9 ft.</td>
<td>Gravel</td>
</tr>
<tr>
<td>9 ft.</td>
<td>Clay</td>
</tr>
<tr>
<td>9 ft.</td>
<td>Some water</td>
</tr>
<tr>
<td>9 ft.</td>
<td>Real dirty with sand</td>
</tr>
<tr>
<td>11 ft.</td>
<td>Cement gravel</td>
</tr>
<tr>
<td>19 ft.</td>
<td>Boulders</td>
</tr>
<tr>
<td>19 ft.</td>
<td>Cement gravel</td>
</tr>
<tr>
<td>19 ft.</td>
<td>Clay, some sand</td>
</tr>
<tr>
<td>19 ft.</td>
<td>Trace of water</td>
</tr>
<tr>
<td>22 ft.</td>
<td>Clay gravel, sand boulders</td>
</tr>
<tr>
<td>22 ft.</td>
<td>More water</td>
</tr>
<tr>
<td>23 ft.</td>
<td>With red sand</td>
</tr>
<tr>
<td>24 ft.</td>
<td>Water, bearing</td>
</tr>
<tr>
<td>24 ft.</td>
<td>Gravel</td>
</tr>
</tbody>
</table>

Signed: [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Charles E. O'Boyle of Route 3 Kalispell, Flathead County, 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, stock watering and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1900; constant use since 1900.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 60 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: 2 acres; 130 feet; the owners of said Section 27, Township 29 North, Range 22 West.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump; southwest corner of the Southeast Quarter of the Southeast Quarter Sec. 27, Township 29 North, Range 22 West.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1900.

8. The depth of water table: 40 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: It was a deep well; it has been piped and the excavation filled; depth of well, 130 feet.

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: 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.

Signature of Owner: Charles E. O'Boyle
Date: December 4, 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 Quaternary for the Appropriator.
STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 4th day of Dec
A.D. 19__ at ___ O'Clock A.M

County Clerk and Recorder

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level:_________

Owner: Arnie Groves Address R 1-2 Kukjell
Driller: Oleen Y. Justus Address Butte, Mont.
Date of Notice of Appropriation of Groundwater: None filed
Date well started: Aug 15-62 Date Completed: Aug 12-62
Type of well: Drilled Equipment Used: churn
(Under Chapter 237, Montana Session Laws, 1961)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Kind of Grouting</th>
<th>Pressure (Feet)</th>
<th>To (Feet)</th>
<th>Preparations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>100</td>
<td>6</td>
<td>195</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 107 feet
Shut-in Pressure for Flowing Well non-flowing
Pumping Water Level 130 feet at 10 gal. per minute
Discharge in gal. per min. of flowing well non-flowing
How Tested: Baule Length of Test 2 hrs
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation)

Show exact depth of bottom.

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

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

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

2189
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Henry C. Keller, of Bozeman, Montana

County of

State of

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

1. The beneficial use on which the claim is based;

2. The beneficial use on which the claim is based, household, stock, general farm use;

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

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

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

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

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

8. The depth of water table;

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

10. The estimated amount of groundwater withdrawn each year;

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

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

Signature of Owner: Henry C. Keller
Date: 1/1/1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

Eugene J. Cool 

County of Hotchkiss
State of Montana

2. The beneficial use on which the claim is based and the purpose to which the water is to be applied.

3. Date or approximate date of earliest beneficial use and how continuous the use has been since about 1901.

4. The amount of groundwater claimed (in miner's inches or gallons per minute or acre-feet for land use) per year.

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: 
Date: Dec. 17 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropria tor.
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: April 20, 1967
Owner: V. Swyg Grossweiler
Address: Kalispell, Montana

Contractor (if any):

Address of Contractor:

Date Started: April 10, 1967
Date Completed: April 20, 1967

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

water: 12 feet

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:

800 gallons per minute, measured with pump

approximate time of use: 40 days during irrigation season

Signature of Owner: Paul Grossweiler
Date: August 18, 1967

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.
12, 996

STATE OF NEW YORK
COUNTY OF NEWARK

Filed on the 12th day of August
A.D. 1997 at 1:00 o'clock P.M.

County Clerk and Recorder

By: ___________________________

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

Jack J. Johns and Alvin Keller
of Route 3
Kalispell

County of Flathead
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, Households, Kitchen, Garden and Stock Water.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute), 75 GPM.

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. Approximately One Acre, Kitchen Garden, Owner, Jack J. Johns and Alvin Keller.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. A 4½ Hp. Electric Jet Pump. Well is located approximately one third distance from house to barn.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Original dug well completed in 1961, Drilled in present deep.

8. The depth of water table. 120 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled, 120 ft. Deep.

10. The estimated amount of groundwater withdrawn each year. 540,000 Gals.

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. Not Applicable

Signature of Owner: Jack J. Johns
Date: 31 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.
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 a 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: Jerry Stafford
Address: Rt. 3, Ellipsall

Date well started: 10-6-71
Date well completed: 10-14-71

Type of well: Drilled

Equipment used: Drill

Water Use: Domestic: Stock: Irrigation: 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: 200,000 gpd

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 1/2</td>
<td>0</td>
<td>175</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 150 ft.
Pumping water level: 160 ft.
at 15 gpm, measured 60 minutes after pumping.

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

Open Bottom

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

Driller's Signature: Jerome M. Welsh
Driller's Address: B.O. Box 929, Col. Falls, Mont.

LICENSE NO. 101
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
Address
File
Date well started
Completed
Type of well
Equipment used
Water Use:
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).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Toe</th>
<th>Size and Depth of Cylinder</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
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<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

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

Static water level __15__ ft.
Pumping water level __15__ ft.
at __25__ gpm gallons per minute, measured 60 minutes after pumping began.

Measured from ground level.
Well developed by __Bore__ for __9__ hours.
Power __1/2__ HP Pump
Remarks: (Gravel packing, cementing, packers, type of shotoff)

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

Driller's Signature
Driller's Address

LICENSE NO. 153

50.308
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
<th>Date of Notice of Appropriation of Groundwater</th>
<th>Date Well Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled.....</td>
<td>Drilled........</td>
<td>Aug 16, 1961</td>
<td>Nov 7, 1961</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well**: 160 feet

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

**Pumping Water Level**: 360 feet at 11/2 gal. per minute.

**Discharge in gal. per min. of Flowing Well**: ...

**How Tested**: Drawer Length of Test: 4 hrs.

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

---

**Driller's License Number**: 18

**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 School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1964

Owner: Raymond Otten
Address: Route 3, Kalispell, Montana

Contractor (if any): None
Address of Contractor: 

Date Started: 1964
Date Completed: 1964

Describe means of obtaining groundwater without a well, e.g., by sub-irrigation and other natural processes; include depth to water when applicable. Natural springs coming from hillside on my property. I have put in a 500-gallon storage tank and piped it to my house and stock tank in my farm yard.

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. Approximately 2,000 gallons a day. This spring is a year around spring and it never stops running.

Signature of Owner: Raymond Otten
Date: 9-21-64

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

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

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

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

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

Owner: Paul Lutgens
Address: 745-856X

Driller: Homer McClary
Address: 945-856X

Date of Notice of Appropriation of Groundwater
Date well started: Aug 13, 1966
Date completed: Sept 14, 1966

Type of well: Drilled
Equipment Used: 21/4 Bury, Churn drill, rotary or other

Water Use: Domestic [x] Municipal [x] Stock [x] 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>Depth (Feet)</th>
<th>Strata Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>Green Clay</td>
</tr>
<tr>
<td>68</td>
<td>Sand</td>
</tr>
<tr>
<td>230</td>
<td>Glacier Sand</td>
</tr>
<tr>
<td>287</td>
<td>Rock with Water</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 125 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 275 feet at 10 gallons per minute
Discharge in gal. per min. of flowing well
How Tested: Bailie
Length of Test: 3 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other 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 School of Mines and quadruplicate for the Appropriator.

44,864
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: September 21, 1961
Owner: Olga Stromseth
Address: Billings, Montana
Contractor (if any): none
Address of Contractor: none
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 flowing springs and other natural processes such as sub-irrigation, springs have been cleaned, ditched, protected by fences and concrete wall curbing; installed at point of diversion for domestic use.

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.

Total flow of spring shown as numbers 1 and 2 on plat is hereby appropriated for domestic use, livestock consumption, and general use and for natural sub-irrigation.

Signature of Owner: Olga Stromseth
Date: Oct. 25, 1964

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation

Owner: DON A. KNOELL
Address: RT 3, KANSPEARL, MONT.

Contractor (if any): NONE
Address of Contractor

Date Started: SEPT. 1964
Date Completed: DEC. 1964

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

Gravity flow from side hill
Depth: One foot

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.

300 gal. hour - Nov. to Aug.
150 gal. hour - Aug to Nov.
6 gal. can per min. - Measurement
1/2 amount used in Summer - 1/2 used in Winter.

Signature of Owner: DON A. KNOELL
Date: 1 Nov. 1965

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.
1123
# 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)

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
Arnold E. Jaackes and Elaine M. Jaackes

### Address
Route 3 File 14-3.56
Fallspojj, Montana

### Date well started
7/1/71 GW 1

### Date well completed
7/2/71

### Top of Ground Appropriate
3200

### Depth of Bottom Water Rise
200'

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

### Remarks:
- Gravel packing, cementing, etc.
- Rubber packer is placed on bottom of six inch casing. Annulus between six and eight inch casing is grouted with (Con't)

### License No.
52

---

**DRIELER'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>Depth (ft)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 15</td>
<td>Tan, clay, boulders and broken rock</td>
</tr>
<tr>
<td>15 - 74</td>
<td>Gray-green rock</td>
</tr>
<tr>
<td>74 - 154</td>
<td>Broken gray-green rock</td>
</tr>
<tr>
<td>154 - 155</td>
<td>Gray-green broken rock</td>
</tr>
<tr>
<td>155 - 165</td>
<td>Gray-green rock</td>
</tr>
<tr>
<td>165 - 186</td>
<td>Gray-green broken rock</td>
</tr>
<tr>
<td>186 - 218</td>
<td>Gray-green broken rock</td>
</tr>
<tr>
<td>218 - 240</td>
<td>Gray-green rock</td>
</tr>
<tr>
<td>240 - 254</td>
<td>Gray-green broken rock</td>
</tr>
<tr>
<td>254 - 278</td>
<td>Gray-green broken rock</td>
</tr>
<tr>
<td>278 - 300</td>
<td>Gray-green rock</td>
</tr>
</tbody>
</table>

### Equipment used
Air Rotary

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

### Depth of Bottom Water Rise
200'

---

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

## ESTIMATED ANNUAL WITHDRAWAL

12,611,400

### ESTIMATIONS

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Flow (gpm)</th>
<th>Rate (gal/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-9</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>6 6/8</td>
<td>+ 16</td>
<td>40</td>
</tr>
<tr>
<td>4D x 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Static Water Level
100 ft.

### Pumping Water Level
150 ft.

### Power Source
Diesel Pump 150 HP

### Remarks
- Gravel packing, cementing, etc.
- Rubber packer is placed on bottom of six inch casing. Annulus between six and eight inch casing is grouted with (Con't)

---

**Driller's Address**: 2500 Reserve

**Lisboa, Montana**: LICENSE NO. 52
(Cont'd) five sacks of cement. All water entering well from cracks and seams in the rock below 165 ft.

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped. i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Name of Appropriator) 
(Address) 
(Town)

County of 
State of 

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

1. [Name and Address]

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

3. Date or approximate date of earliest beneficial use: 

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

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

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

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

8. The depth of water table: 

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

10. The estimated amount of groundwater withdrawn each year: 

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

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

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: J. A. Shearer
Address: 123 Main St.

Driller: J. Doe
Address: 456 Elm St.

Date of Notice of Appropriation of Groundwater: January 1, 1962

Date well started: January 1, 1962
Date completed: January 1, 1962

Type of well: Drilled
Equipment used: Drilled

Water Use: Domestic
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>Date of Drilled Hole</th>
<th>Size of Drilled Hole</th>
<th>Depth (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/1/62</td>
<td>700</td>
<td>52</td>
<td>X</td>
</tr>
<tr>
<td>1/1/62</td>
<td>65</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 50 feet
Shut-in Pressure for Flowing Well: 15 psi
Pumping Water Level: 50 feet at 100 gal per minute
Discharge in gal. per min. of flowing well: 100 gal/min

How Tested: Flow
Length of Test: 1 hour

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

[Diagram of well location and strata]

[Signature of driller]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 

Driller: 

Date of Notice of Appropriation of Groundwater: 

Date well started: 

Date well completed: 

Type of well: 

Equipment used: 

Water Use: 

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Diameter (inches)</th>
<th>Weight of Drills (lbs)</th>
<th>Depth to Top of Water (ft)</th>
<th>Depth to Bottom of Water (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse Sand</td>
<td>7</td>
<td>50</td>
<td>23</td>
<td>24</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 2.5 feet.

Shut-in Pressure for Flowing Well: 

Pumping Water Level: 27 feet at 10 g.p.m.

Discharge in g.p.m.: 

How Tested: 

Length of Test: 

Remarks: 

Driller's License Number: 18

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 School of Mines and Quadruplicate for the Appropriator.
I File No. "***

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

Jack J. Johns and Alvin Keller
(Name of Appropriator)
County of Flathead
(State of Montana)
Address)
(Town)

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

1. Name of Appropriator

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
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: James Sappington
Address: Kalispell, Montana
Date well started: July 14, 1961
completed: July 19, 1961
Type of well: Drilled
Equipment used: Drill
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</th>
<th>Rate of Flow</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot</td>
<td>gpm</td>
<td>Fitted</td>
</tr>
<tr>
<td>7'</td>
<td>7:00</td>
<td>O 120  X X X</td>
</tr>
</tbody>
</table>

Static water level: 76 ft.
Pumping water level: 105 ft.
Power: Baler
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: Angelo Hendrickson
Driller's Address: Route 3, Kalispell, Montana

LICENSE NO. 153
## Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

### Owner:
Nomein Hull, 942-849 A.

### Driller:
Lomer, 942-849 A.

### Date of Notice of Appropriation of Groundwater:

### Date well started:


### Date completed:


### Type of well:
- Drilled


### Equipment Used:
- (Chim, drill, rotary or drilled)

### 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.

### Perforations:

<table>
<thead>
<tr>
<th>Depth of Hole</th>
<th>Strata</th>
<th>From Soil</th>
<th>To Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>23 ft.</td>
<td></td>
<td>53 ft.</td>
<td></td>
</tr>
</tbody>
</table>

### Static Water Level for non-flowing Well:
30 feet.

### Shut-in Pressure for flowing Well:

### Pumping Water Level:
47 feet at 25 gal. per minute.

### 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

X acres irrigated, if used for irrigation.

### Driller’s Note:


### 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.
# 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 Recorders 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:** Roger Thompson  
**Address:** Gloucerville, Mont.

**Date well started:** Aug 4, 1970  
**Type of well:** Drilled

**Equipment used:** 22 W Bencivage Rig

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

*Describe USB: if used for irrigation, industrial, drainage or other. Explain, state number of acres and location of other data (i.e. lot, block and addition).*

**Estimated Annual Withdrawal:**

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Rate (gpm)</th>
<th>Time (hr)</th>
<th>Depth (ft)</th>
<th>Rate (gpm)</th>
<th>Time (hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7'10&quot;</td>
<td>127</td>
<td></td>
<td>159</td>
<td>175</td>
<td></td>
</tr>
<tr>
<td>5'10&quot;</td>
<td>142</td>
<td></td>
<td>141</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 610 ft.  
**Pumping water level:** 549 ft.  
**Pumped:** 175 gallons per minute, measured _______ minutes after pumping began.

*Measured from ground level.  
Well developed by end of day.

**Power:** Pump.  
**HP:**

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

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

**Driller's Signature:** Horace McElroy  
**Driller's Address:** 945 8a Ave N  
**State of Montana License No.:** 18  
**McElroy Well Drilling**

---

29N-22W  
Show exact depth of bottom  
4/17/630
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

PAUL GROSVINER  of Kalispell
(Name of Appropriator) (Address) (Town)

County of Flathead State of Montana

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

1. Point of Appropriation:
   SE 1/4 SE 1/4 7 29 R 22
   NE 1/4 SE 1/4
   Indicates point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been since then.
   October, 1948, continuous use since then.

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

5. If used for irrigation, give the area and description of the land to which water has been applied and name of the owner thereof.
   It has not been used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Pipe and pump, the well being located as described herein.

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

8. The depth of water table.
   Five 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. Type, dug well; 5 feet in diameter; circular and approximately 35 feet deep.

10. The estimated amount of groundwater withdrawn each year.
    70,000 gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
    No other information available.

Signature of Owner: Knut Garness
Date: February 27, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA  
COUNTY OF FLATHEAD

Filed on the 27th day of  
A.D. 19__ at ___ o'clock ___ M

By  
County Clerk and Recorder

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

JAN 6 1964

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

(Every has or has not)
(Name of Appropriator) of Lot 3 (Address)
State of (Town)

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

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

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

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

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

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

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

8. The depth of water table: 

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

10. The estimated amount of groundwater withdrawn each year: 

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

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

Signature of Owner: 

Date: 

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

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

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

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

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

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

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

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

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

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

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10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date: ____________________

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

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

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