STATE OF MONTANA, \hspace{1.5cm} \text{Yes.}

County of Cascade. \hspace{1.5cm} \text{Yes.}

I hereby certify that the within instrument was filed in this office on

\underline{DECEMBER 28, 1885.}

\underline{Dated}

at \underline{1:05} o'clock \hspace{0.5cm} \underline{P.M.}

\textbf{J. L. LENNON}

\textbf{County Clerk and Recorder}

\textbf{By} \underline{E. L. LAYTON}

\underline{Denuiv.}
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. T. E., and/or Marilyn Thomas, of Lot 1 South, Grant Falls, 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: November 1, 1960, and continuous thereafter.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 35 gallons per minute.

5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof: not applicable.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well completed in a period of approximately 7 days. Completion date: June 28, 1960.

8. The depth of water table: 275 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: Cable tool - 6 ft. O.D. - depth 250 ft.

10. The estimated amount of groundwater withdrawn each year: 250,000 gallons.

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

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: Certificate of dedication for Pearson Addition was filed December 30, 1959.

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>Depth (ft)</th>
<th>Layer Description</th>
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<tbody>
<tr>
<td>0 to 6</td>
<td>Shalerock with sandstone stringers</td>
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<tr>
<td>6 to 10</td>
<td>Sandstone</td>
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<td>10 to 12</td>
<td>Clay</td>
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<td>12 to 15</td>
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<td>15 to 21</td>
<td>Shale &amp; shalerock</td>
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<td>21 to 26</td>
<td>Shalerock &amp; sandstone stringers</td>
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<td>31 to 36</td>
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<td>42 to 53</td>
<td>Shalerock</td>
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<tr>
<td>53 to 61</td>
<td>Shalerock with sandstone stringers</td>
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<tr>
<td>61 to 62</td>
<td>Shalerock - Blue and red</td>
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<tr>
<td>62 to 66</td>
<td>Limestone - Hard</td>
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<td>102 to 106</td>
<td>Sandstone</td>
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<td>106 to 108</td>
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<td>108 to 112</td>
<td>Sandstone - Grey - Hard</td>
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<td>112 to 121</td>
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<td>121 to 133</td>
<td>Sandstone - Fairly soft</td>
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<tr>
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<td>Shalerock - Hard</td>
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<tr>
<td>230 to 255</td>
<td>Sandstone - Water - Not much</td>
</tr>
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*Note: The text contains a reference to the County of Cascade, but the actual content of the document seems to be related to geological layers and their descriptions.*
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: __________________________ Date: __________

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

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

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

I hereby certify that the within instrument was filed in this office on
DEC 30 1968

at 11:19 o'clock A.M.

J. L. DIXON
County Clerk of Records.

By __________________________

[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. Allen Workman
   (Name of Appropriator)
   County of Cascade
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   [Map or Diagram]

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

3. Date or approximate date of earliest beneficial use: July 1953
   Has been in continuous use since this date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gallons

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: Lawn & garden only

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: June 1958

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: 5 inch casing and about 40 feet deep.

10. The estimated amount of groundwater withdrawn each year: 60,000 gallons per

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

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: Certificate of dedication for Pearson Addition was filed 12-30-57.

Signature of Owner: Allen Workman
Date: December 25, 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. \textit{ex.}

County of Cascade.

I hereby certify that the within instrument was filed in this office on

DEC 3 1908

at 8:11 o'clock A.M.

J. L. LINDEN
County Clerk and Recorder

By: [Signature]

Deputy.
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<td>Harrington, Helen M.</td>
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<td>Type of Form</td>
<td>County File No.</td>
<td>Remarks</td>
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<td>James, William D.</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

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

1. (Name of Appropriator) of (Address) in (Town)

County of ___________________ State of ___________________

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

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

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

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

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

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

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

8. The depth of water table ____________________________

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

10. The estimated amount of groundwater withdrawn each year ____________________________

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

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

[Signature of Owner] ____________________________

Date: __________, 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 Appropriategtor.
STATE OF MONTANA
County of Cascade.

I hereby certify that the within instrument was filed in this office on

DEC 31 1939

10:10 a.m.

J. L. HARMON
County Clerk
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

   2. The beneficial use on which the claim is based

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 6/30/69

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). 50 gal.

   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. 6/30/69

   8. The depth of water table. 50 ft. from surface

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

   10. The estimated amount of groundwater withdrawn each year. 500,000 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. Bernard Schiefer
   Date: June 30, 1969

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 Cascade.

I hereby certify that the within instrument was filed in this office on

DECEMBER 31, 1971

[Signature]

J. L. LEPION

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

Roy P. and/or Deloris F. Boesflug
Address: Great Falls, Mont.
Driller: Pat Byrne
Address: Great Falls, Mont.

Date of Notice of Appropriation of Groundwater:
Date well started: 7-5-1965
Date completed: 7-10-1965

Type of well: Drilled
Equipment used: Churn drill (Churn, drill, rotary or drilled other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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</thead>
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<td>17&quot; x 7&quot;</td>
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<td>40</td>
<td>not perforated</td>
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</table>

Static Water Level for non-flowing Well: 85 feet.
Shut-in Pressure for Flowing Well: 
Pumping Water Level: 160 feet at 8 gal. per minute.
Discharge in gal. per min. of flowing well: 
How Tested: Baller
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.

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

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.

Driller's License Number
Driller's Signature
STATE OF MONTANA, ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on AUG 23 1965.

J. L. LENNON
County Clerk and Recorder.

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

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

1. JAYE EVANT of ART SIO SIGNAL MT
   (Name of Appropriator) (Address) (Town)

   County of C&G.ADOS 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:

   (describe lands to be benefited, if for irrigation)

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

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

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

6. The probable or intended date of commencement and completion of the well* or wells*:

7. The location, type, size and depth of well or wells contemplated:

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

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

10. Give such other similar information as may be useful

   in carrying out the policy of this act

   Signature of Appropriator:

   Date: Dec. 7, 1963

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

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

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

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

County of Cascade.

I hereby certify that the within instrument was filed in this office on DEC. 9, 1963,
9:34 a.m., 34th floor.

J. L. LENNON
County Clerk and Recorder.

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

Owner: Gaye Bryant
Address: Great Falls, Mont.

Driller: Thomas B. Franklin
Address: Great Falls, Mont.

Date of Notice of Appropriation of Groundwater: April 22, 1963
Date Well Started: April 25, 1963
Date Completed: May 1, 1963

Type of Well: Drilled, Driven, Equipment Used: Cable Tools

Well Court:

Water Use: Domestic [x] Municipal [ ] Other [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Stock [ ]

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

Static Water Level for non-flowing Well: 25 feet.
Shut-in Pressure for Flowing Well: ________________
Pumping Water Level: 60 feet at 14 gal. per minute.
Discharge in gal. per min. of flowing well: ____________________
How Tested: Jet pump, Length of Test: 8 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: 84
Driller's Signature: Thomas B. Franklin

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA, ss.
County of Cascade.
I hereby certify that the within instrument was filed in this office on
FEB. 8 - 1968
at 9:38 o'clock A.M.
J. L. LENNON
County Clerk and Recorder.
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

F. A. Smith
Name of Appropriator

County of
Stevens
State of MT

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

1. Date or approximate date of earliest beneficial use: 12/30/1956

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

3. Name of Town or Suburb: Stevens

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 96,000 gal.

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: F. A. Smith
Date: Oct. 31, 1969

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 Cascade.

I hereby certify that the within instrument was filed in this office on
OCT 28 1963

Due at 5:30 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By ________ Deputy.
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:

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

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

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

1. Karl Hallgren
   (Name of Appropriator)  
   101 S. Hot Springs Rd., Great Falls, Mont.
   (Address)  
   (Town)  
   County of: ``''  
   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: Domestic

   (describe lands to be benefited, if for irrigation)

   3. The rate of use in gallons per minute or miner's inches of groundwater claimed: 10 gpm.

   4. The annual period (inclusive dates) of intended use: Sept. 1 to Indefinite

   5. The probable or intended date of first beneficial use: Dec. 1, 1962

   6. The probable or intended date of commencement and completion of the well or wells: Nov. 10, 1962

   7. The location, type, size and depth of well or wells contemplated: North East

   Corner of House 170 ft. 5 in. S.D.

   8. The probable or estimated depth of the water table or artesian aquifer: 30 ft.

   9. Name, address and license number of the driller engaged: Thomas, P. Franklin

   10. 1100 S. Hot Springs Rd., Great Falls, Mont.

   Give such other similar information as may be useful

   in carrying out the policy of this act.

   As defined in the Code Sec. 1 (e) "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.

   Locate well or other means of development as accurately as possible on the plat.

   Signature of Appropriator: Karl H. Hallgren

   Date: Dec. 20, 1962

* 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.
WATER OF MONTANA, W
County of Cascade.

I hereby certify that the within instrument was filed in this office on
AUG 1 - 19xx

at 2:15 P.M.

J. L. LENNON
County Clerk and Recorder.

by --- Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Karl Helgesen
Address: Great Falls, Mont.
Driller: Thomas P. Franklin
Address: Great Falls, Mont.

Date of Notice of Appropriation of Groundwater: Nov. 18, 1962
Date well started: Nov. 20, 1962
Date completed: Nov. 25, 1962

Type of well: Drilled, Driven Equipment Used: Cables, tools

Water Use: Domestic ☑, Municipal ■, Other □, Irrigation □
Industrial □, Drainage □, Stock □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
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<td>5 inch</td>
<td>5 inch O.D.</td>
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</table>

Static Water Level for non-flowing Well: 22 feet.
Shut-in Pressure for flowing Well:...

Pumping Water Level: 65 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Fielder, 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 similar pertinent information, including number of acres irrigated, if used for irrigation) Approv...

5 ft. of gravel packing used...

Driller's License Number: 84
Driller's Signature: Thomas P. Franklin

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

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

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

I hereby certify that the within instrument was filed in this office on

AUG. 1 - 1969

at 3:30 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By: Deputy.
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. Name of Appropriator ____________________________
   Address ____________________________

County of ____________ State of ____________

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

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

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

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

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

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

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

8. The depth of water table ____________________________

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

10. The estimated amount of groundwater withdrawn each year ____________________________

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

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

Signature of Owner ____________________________
Date ____________

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, ss.
County of Cascade.
I hereby certify that the within instrument was filed in this office on

DATE: 27-4-13

at 3:16 o'clock A.M.

J. L. LENNON
County Clerk and Recorder

By: [Signature]

Deputy.
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</table>

1. Charles J. King  
(Name of Appropriator)  
Southvale Addition  
St. Falls  
(Address)  
(Town)

County of Cascade  
State of Montana

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

2. The beneficial use on which the claim is based:  
Domestic, Lawn  
Shrubbery, Trees, etc.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
August 1961, In use daily

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 acreage and description of the lands to which water has been applied and name of the owner thereof:  
120 x 180 feet, corner, half

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
One well with electric pump for withdrawal. Five-inch casing T.D.  
Location, lot 18, Southvale Addition

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

8. The depth of water table:  
175 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:  
None

10. The estimated amount of groundwater withdrawn each year:  
50,000 to 80,000 gallons per year

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

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 concerning this act is known by me.

Signature of Owner:  
Date:  

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

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

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

I hereby certify that the within instrument was filed in this office on

DEC 13 1982

at 4:23 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

[Signature]
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) (Addressee) (Town)

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: FARM FIELD

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 3, 1957

3. The amount of groundwater claimed (in miner’s inches or gallons per minute): 60 gal. 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: Acre

5. Indicate point of appropriation and place if possible. Each small square represents 10 acres.

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: 1957

8. The depth of water table: 89 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: Not Available

10. The estimated amount of groundwater withdrawn each year: 300,000 gal

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: 0.255

Signature of Owner Date: Aug 12, 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, no 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 Cascade.

I, hereby certify that the within instrument was filed in this office on AUG 22, 1883

at 10:15 a.

J. L. LENNON
County Clerk and Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Route 1 South, Great Falls</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Cascade</td>
</tr>
<tr>
<td>State</td>
<td>Montana</td>
</tr>
</tbody>
</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 is to be used for domestic use.

3. Date or approximate date of earliest beneficial use: Jan 20, 1962.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 GALS. 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. 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.
STATE OF MONTANA,

COUNTY OF

I, J. L. LENNON, County Clerk and Recorder, do hereby certify that the within instrument was filed in this office on

10-22-____

At____ o'clock p.m.

J. L. LENNON
County Clerk and Recorder.

By

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

Owner: William C. Swingley Address: 1208 South Fourth
Driller: Thomas B. Franklin Address: 1208 South Fourth
Date of Notice of Appropriation of Groundwater: March 10, 1963
Date well started: March 19, 1963 Date Completed: March 25, 1963
Type of well: Drilled
Equipment Used: Drilling tools

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From Top (Feet)</th>
<th>To Bottom (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 inch</td>
<td>5 inch 0.8 OD steel casing</td>
<td>Top</td>
<td>Bottom</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1480.0 ft.</td>
<td>1480.0 ft.</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 25 feet
Shut-in Pressure for flowing well: 5 feet
Pumping Water Level: 55 feet at 150 gal. per minute
Discharge in gph. per min. of flowing well
How Tested: Get pump

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not in 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 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: Leonard Wadsorth
Address: South of Great Falls
2300-13th St. So.

Driller: Soemmicher Drilling Co.
Address: Great Falls, Montana

Date of Notice of Appropriation of Groundwater: June 2, 1962
Date Well Started: June 2, 1962
Date Completed: June 20, 1962

Type of Well: Drilled
Equipment Used: Rotary
(Churn, drill, rotary, or other)

Water Use: Domestic ☑  Irrigation ☑
Municipal ☐  Other ☐  Industrial ☐  Drainage ☐  Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.

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

<table>
<thead>
<tr>
<th>Size of Tested Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>6-5/8&quot; OD.</td>
<td>0</td>
<td>60</td>
<td>none</td>
</tr>
<tr>
<td>6&quot;</td>
<td>4-1/2&quot; OD.</td>
<td>0</td>
<td>198</td>
<td>none</td>
</tr>
</tbody>
</table>

State Water Level for non-flowing Well: 18 feet.
Shut-in Pressure for Flowing Well: not flowing
Pumping Water Level: 30 feet at 60 gal. per minute.
Discharge in gal. per min. of flowing well: not flowing

How Tested: bailer
Length of Test: 6 hours

Remarks: (Gravel packing, cementing, packers, type of stopoff, 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)
6-5/8" Surface casing cemented from 0 to 60 ft.
To be used for irrigating approximately 4 acres
and furnishing water at present for 3 dwellings and possibly more later

Driller's License Number
Driller's Signature

This form to be prepared by driller, and two 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ayrshire Dairy (Name of Appropriator) of Box 2387 Great Falls (Address) (Town)
County of Cascade State of Montana

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Indicate 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: Domestic, Operation of dairy plant, Stock, Irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: This well drilled in 1908 replacing well dug in 1885. Use has been continuous since 1885.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 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: Used to irrigate gardens, lawns and trees in ten acre area around buildings at the Ayrshire Dairy.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Original well completed in 1885. Present well completed in 1908.

8. The depth of water table: 71 feet from surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6" well casing, well 119 feet deep.

10. The estimated amount of groundwater withdrawn each year: 40 million gallons.

11. The log of formations encountered in the drilling of each well if available: No log available, sand, and clay were the formations encountered.

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:

Ayrshire Dairy

Fergus G. Mitchell, Pres.
Date: Dec. 23, 1963

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

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

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

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

1. **Ayrshire Dairy**, of Box 2387, Great Falls, Montana
   - **County of Cascade**
   - **State of Montana**
   - **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: Domestic, Operation of dairy plant, Stock, Irrigation.

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **Well drilled in 1918 and used continuously since that date.**

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **80 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: **Used to irrigate gardens, lawns and trees in ten acre area around buildings at Ayrshire Dairy.**

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Electrically driven turbine pump.**

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Well completed in 1928.**

   8. The depth of water table: **71 feet from surface.**

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **Six inch well casing, well 122 feet deep.**

   10. The estimated amount of groundwater withdrawn each year: **20 million gallons.**

   11. The log of formations encountered in the drilling of each well if available: **No log available. Sand and clay were formations encountered.**

   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: **Ayrshire Dairy.**

   Signature of Owner: **Fergus G. Mitchell, Pres.**
   Date: **Dec. 22, 1963**

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

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

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

Owner: Ayrshire Dairy
Address: Ayrshire Dairy, Great Falls

Driller: Broomfield Drilling Co.
Address: 270-13 S S, Great Falls

Date of Notice of Appropriation of Groundwater: None
Date Well Started: 8/23/62
Date Completed: 9/7/62

Type of Well: Drilled
Equipment Used: Rotary
(dug, driven, bored or drilled)

Water Use: Domestic ☑ Municipal ☐ Other ☐ Irrigation ☑
Industrial ☐ Drainage ☐ Stock ☑

Static Water Level for non-flowing Well: 54 feet
Shut-in Pressure for Flowing Well: not flowing
Pumping Water Level: 79 feet
Discharge in gal. per min. of flowing well: not flowing
How Tested: pumped
Length of Test: several days

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) 2 acres

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

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

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

I hereby certify that the within instrument was filed in this file on NOV. 30 1968

DEC. 23 1968

at 1:30 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

By: 
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: Bells, Walter, Barbera
Address: RR 2, So, Box 1003
Great Falls, Mont.

Date well started: July 10, 1968
Date well completed: July 14, 1968

Type of well: Dug well
Equipment used: Churn drill

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

*Describe 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: 80,000 gals

Top of Ground (Feet above sea level)

<table>
<thead>
<tr>
<th>Feet</th>
<th>To Feet</th>
<th>From Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>20</td>
<td>0</td>
</tr>
<tr>
<td>15</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td>20</td>
<td>40</td>
<td>15</td>
</tr>
</tbody>
</table>

Static water level: 25 ft from top
Pumping water level: 6 ft
Power: Pump 3 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: D. D. Rafferty
Driller's Address: 227 N. 14th Ave. S. W.

LICENSE NO. 88

Show exact depth of bottom.
STATE OF MONTANA
County of Cascade.
I hereby certify that the within instrument was filed in this office on
JUN 27 1973

J. L. FENNON
County Clerk and Recorder.

By

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

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]
Date completed: [Date]

Type of well: [Type]
Equipment used: [Equipment]

Water Use: [Use]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Pumps (Foot)</th>
<th>Casing driven open end into gravel</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inch</td>
<td>5/8 O.D. Black Iron</td>
<td>0</td>
<td>142</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: [Level]
Shut-in Pressure for flowing well: [Pressure]
Pumping Water Level: [Level]
Discharge in gal. per min. of flowing well: [Discharge]

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: [Number]
Driller's Signature: [Signature]

In SW 4 Sec. 25, T. 20 N, R. 3 E

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, ss.

County of Cascade.

I, J. E. LEEYIN, do hereby certify that the within instrument was filed in this office on FRIDAY, FEB. 22, 1912, at 8h. 47m.

J. E. LEEYIN
County Clerk of this court.

By ____________________________

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

(Under Chapter 237, Montana Session Laws, 1961)

Lyal E. Brugman and/or Rej J. South
Owner: Jean H. Brugman Address: St. Falls, Mont.

Driller: Pat Byrne Address: St. Falls, Mont.

Date of Notice of Appropriation of Groundwater

Date well started Aug. 9, 1966 Date Completed Aug. 11, 1966

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-5/8&quot;</td>
<td>(6-5/8&quot;)</td>
<td>0'</td>
<td>70'</td>
<td>NOT PERFORATED</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 27'
Skfit-in Pressure for Flowing Well
Pumping Water Level: 55'
Discharge in gal. per min. of flowing well
How Tested: Bailar 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 similar 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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, SS.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

SEP 4, 1906

at 11:30 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By

[Signature]
Deputy.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**Developed After January 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Fred Finneman
Address: Rte. 1 So.

Driller: E. D. Hafferty
Address: 927-10th Ave. S.W.

Date of Notice of Appropriation of groundwater: 

Date well started: Dec. 12, 1969
Date completed: Dec. 16, 1969

Type of well drilled: Gear driven, bored or drilled

Equipment used: Churn drill

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8 x 3 D. Black Iron</td>
<td>0</td>
<td>6</td>
<td></td>
<td>Casing driven open to sand rock</td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gals. per min. of flowing well

**How Tested**: Bailer

**Length of Test**: Two hours

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

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

Lot 8-SE^4 of the SW^1 of Section 25, T20N

R 3 W M

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

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

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

Driller's License Number

Driller's Signature
STATE OF MONTANA, ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

JAN. 2, 1920

at 9:30 o'clock A.M.

J. L. LENNON
County Clerk and Recorder

By

Deputy.
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

NAME OF APPROPRIATOR: Frank Hoppes
ADDRESS: 801 South, Great Falls

COUNTY: Cascade
STATE: Montana
TOWN: Great Falls

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

1. Tank: 10.34
   Name: Frank Hoppes
   Address: 801 South, Great Falls
   Town: Great Falls
   County: Cascade
   State: Montana

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

3. Date or approximate date of earliest beneficial use: September 25, 1955
   Duration of use: Steady

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   1/2 acres - Garden, lawn, and field

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: C. W. S. 1963

8. The depth of water table: 142'

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:
   1/2 in. 142'

10. The estimated amount of groundwater withdrawn each year: 1/2 in. 142'

11. The log of formations encountered in the drilling of each well if available:
   Sand, 15 in. (well is encroached)
   Clay, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)
   Sand, 15 in. (well is encroached)

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

   Signature of Owner: Frank Hoppes
   Date: Dec 3, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate to the Appropriator.
STATE OF MONTANA,
County of Cascade.

I hereby certify that the within instrument was filed in this office on
DEC 3 - 1963

at 11:10 o'clock AM.

J. L. KEENON
County Clerk and Recorder.

By
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

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

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

Owner: William E. Heidenhain
Address: Irish Acres Box 990C
Great Falls, MT 59401
Date well started: 11-25-67
Completed: 12-1-67

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

*Describe: Casing driven into gravel-open end.

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). 815,000 gal/s

ESTIMATED ANNUAL WITHDRAWAL

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

Driller's Signature: 8-7-10 A.M. 59401 LICENSE NO. 59401
Driller's Address: 927-10 Great Falls, MT 59401

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

Show exact depth of bottom

53,635
STATE OF MONTANA, | 
County of Cascade.

I hereby certify that the within instrument was filed in this office on 

JUN 1 5 1973

at JUN 1 5 1973 11:25 AM

J. L. WELDON
County Clerk-Recorder

(Handwritten signature)
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...Darrell J. Borin
Address Rt. 1 South
Grant, Falls, Mont.
Date well started...March 12-71...GW 1
completed...March 24-71

Type of well...Drilled
Equipment used...Churn 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), Household, garden and lawn

ESTIMATED ANNUAL WITHDRAWAL...12,500 gal. a year

PERFORATIONS

Casing driven open...driven to top of shell

Static water level...23 ft. from top
Pumping water level...26 ft. from top
at...45...gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by...Caser
for...6...hours.
Power...1/2 HP Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Casing driven to top of shell

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

Driller's Signature...Driller's Address...527-10th St, Great Falls, Mont.
LICENSE NO...58

County...Reserve...Show exact depth of bottom...SC ft.