STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

1. Oliver N. Towne of Box 382, Black Eagle, Cascade County, Mont.
   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: Poultry Farm and Household Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1910 - Continuous

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

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

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: Not known except by hearsay

8. The depth of water table: 230'

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: 210'

10. The estimated amount of groundwater withdrawn each year: 10,800 gal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: Oliver N. Towne
Date: 2-30-63

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

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

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

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

JAN 2 - 1934.

8:07 A.M.

J. L. LENNON
County Clerk and Recorder.

Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Ted Hawley
Address: Conrad, Montana

Driller: E. D. Kefferty
Address: 927-10 th Ave. S.W.
Great Falls, Montana

Date of Notice of appropriation of groundwater: 
Date well started: Oct. 4, 1960.
Date completed: Oct. 18, 1960.

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

Water use: Domestic □ Industrial □ Municipal □ Stock □ Irrigation □ 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>Shale</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 ft.</td>
<td>259 ft.</td>
<td>244 ft.</td>
</tr>
<tr>
<td>305 ft.</td>
<td>355 ft.</td>
<td>328 ft.</td>
</tr>
</tbody>
</table>

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

Static Water Level for non-flowing well from bottom 155 ft.
Discharge in gal. per minute of flowing well 5 gal. per minute.

Remarks: Gravel packing, cementing, packers, type of shut-off. Fine gravel placed behind casing to cover perforations.

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

[Signature]

[Signature]

[Date]
STATE OF MONTANA,
County of Cascade.

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

JUL 14 1970

at 9:45 A.M.

J. L. LOLL
County Clerk and Recorder.

By [Signature] Deputy.
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: February 26, 1970.

STATE OF MONTANA
Owner: FISH AND GAME
Address: HELENA, MONTANA
COMMISSION
Contractor (if any): NONE

Address of Contractor

Date Started: 1977
Date Completed: 1977

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. NATURAL SPRING (Giant Spring)
The water from the spring is taken by gravity flow
pipe line to the fish hatchery. From the hatchery a
portion of the water is pumped. A portion of the
water is used for park purposes.

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. Continuous—

use. Quantity of water is 50,000 gallons per minute.

Measured by volumetric system.

MONTANA FISH AND GAME COMMISSION
FRANK H. DUNNIE, SECRETARY

Signature of Owner

Date: February 26, 1970

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: May, 1923

Owner: Montana Fish and Game Commission
Address: Helena

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. Natural Spring (Client Springs)

The water from spring is taken by gravity flow through pipe line to fish hatchery. The water flows to the surface of ground.

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.

Continuous use. Quantity of water used is 6540 to 7000 gallons per minute. Measured by volumetric system.

Indicate point of appropriation and place of use, if possible.

Signature of Owner: Montana Fish and Game Comm.
Date: 11/10/23

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 of Groundwater: February 26, 1970

Owner: FISH AND GAME COMMISSION
Address: HELENA, MONTANA

Contractor (if any): NONE

Address of Contractor: ___________________________

Date Started: 1922
Date Completed: 1943

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. **NATURAL SPRING (GIANT SPRINGS)**

- The water from the spring is taken by gravity flow through a pipeline to the fish hatchery. From the hatchery a pump is used to portion of the water is pumped. A portion of the water is used for Park purposes.

- 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. Continuous use. Quantity of water is 50,000 gallons per minute.

- Measured by volumetric system.

Montana Fish and Game Commission
Frank H. Dumble, Secretary

Signature of Owner: ___________________________

Date: February 26, 1970

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.

Water from Giant Springs was first used by the State Fish Hatchery at Great Falls in May of 1923. It was estimated that up to 7,000 gallons per minute was being used as late as December of 1963 when groundwater appropriation was made by Hatchery Superintendent, Bob Hughes, for the Montana Fish and Game Commission. In 1969 new pipeline, storage tanks and pumps were installed. The revised use estimate is 50,000 gallons per minute.
I. The Montana Power Company of 40 East Broadway Butte (Name of Appropriator) (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 consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2,000 gallons per day

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.
   Seepage water collected in pressure chamber, treated and piped to places of use

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. 730,000 gallons

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

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

(CORPORATE SEAL)  
ATTEST: [Signature of Owner]  
By [Signature of Vice President]  
Date February 1, 1962

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

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

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

MAR. 12, 1962. \n
S.J.O. \n
J. T. LENNON \nCounty Clerk and Recorder. \n
By: \n
[Signature] \n[Title]
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>Ergenhorst</td>
<td>E.W.</td>
<td>3217</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Meat, E.F.</td>
<td>E.W.</td>
<td>3623</td>
<td></td>
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<tr>
<td>31</td>
<td>Meat, E. F.</td>
<td>E.W.</td>
<td>3624</td>
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<td>201</td>
<td>O'Call, Richard S.</td>
<td>O.W.</td>
<td>418</td>
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<tr>
<td>64</td>
<td>Lassila, Edward L.</td>
<td>O.W.</td>
<td>2523</td>
<td>Could be Sec. 52</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Charles Urquhart
(Name of Appropriator)
Great Falls, Montana
(Address)

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
   Agriculture and domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   September 14, 1954
   continuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   14 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
   By pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Comenced Sept. 1, 1954
   Completed Sept. 14, 1954

8. The depth of water table
   Fifty six feet - see log attached

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
   See well driller's report attached

10. The estimated amount of groundwater withdrawn each year
    No accurate estimate can be given

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

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
Date Dec. 14, 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.
MONTANA STATE ENGINEER
WELL DRILLER'S REPORT

Driller: D. Hafferty
Address: 103 Falls, MT

Owner of Well: Class I - Urgent - Cascade County

Exact Location of Well:

Water to Be Used for: Domestic

Drilling Begun: Sept. 14 - 24
Well Finished: Sept. 14 - 24

Well Sealed, Date: Type of Seal:

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

Water Pressure at Top of Ground: Pounds per Sq. In.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>to</th>
<th>Kind of Casing</th>
<th>From</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>195 - 234 cm</td>
<td>3/4 in. x 1/4 in.</td>
<td>0</td>
<td>356</td>
<td>1 in.</td>
<td>3/4 in.</td>
<td>3.17</td>
</tr>
<tr>
<td>236 - 239 cm</td>
<td>3/4 in. x 1/4 in.</td>
<td>3/4 in.</td>
<td>356</td>
<td>1 in.</td>
<td>3/4 in.</td>
<td>3.31</td>
</tr>
</tbody>
</table>

Describe the type of joints in casing:

Threads & Collar

Type of Drilling Machine: Keystone

Describe any screens used:

No screens

Describe any grouting or cement work giving location and amount:

Date water sample sent to State Board of Health:

STATE OF MONTANA,

County of

being first duly sworn, deposes and says that he is the well driller named above, that he has read the above report, and that the same is true of his own knowledge.

D. Hafferty

Subscribed and sworn to before me this day of

(SEAL)

(See other side for copy of the law.)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. The Montana Power Company of 40 East Broadway Butte (Name of Appropriator) (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 consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1930 - continuous

4. The amount of groundwater claimed: (in miner's inches or gallons per minute): 2,000 gallons per day

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: Seepage water collected in pressure chamber, treated and piped to place of use

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: 730,000 gallons

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

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

(CORPORATE SEAL)

ATTORNEY

Signature of Owner

BY

Vice President

Date

February 1, 1962

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

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

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

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

The Montana Power Company of 40 East Broadway Butte
(Name of Appropriator) (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>Lot</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Lot 2
—¼ Sec. 21 T21 N R 5E

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 consumption

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1,100 gallons per minute - 24 hrs. per day

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:
   About 10 acres are irrigated in the summertime, lawns and gardens

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

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: 600,000,000 gallons

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

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

(CORPORATE SEAL)

ATTORNEY

Signature of Owner

By Vice President

Date: February 1, 1962

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
APR 12 1962

(signed)

J. Z. Kennon
County Clerk and Recorder.

By
Deputy.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODES

OFFICE OF STATE ENGINEER

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

1. ____________________________________________ of _____________, State of __________________________
   (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 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
County of Cascade.

I hereby certify that the within instrument was filed in this office on
DEC 30 1959
at 2:15 P.M.

J. L. LEBAN
County Clerk of Cascade.

By: ___________________________
STATE OF MONTANA
OFFICE OF STATE ENGINEER

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

Owner: 
Address: 
Driller: 
Address: 

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

Type of well: 
Equipment Used: 

Water Use: 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 Drill Rod</th>
<th>Size and Weight of Casing</th>
<th>From Top (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 inch</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>23 ft</td>
<td></td>
<td>23 ft</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 18 feet.

Shut-in Pressure for Flowing Well: 

Pumping Water Level: 40 feet at 12 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 acres irrigated, if used for irrigation.)

Well was 

Lined with 4 1/2 inch Od Water Well Casing. The 4 1/2 inch Casing has approx 10 ft of perforations from 15 ft to 25 ft.

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, 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, vs.
County of Cascade.
I hereby certify that the within instrument was filed in this office on

[Signature]

J. E. LENNON
County Clerk and Recorder.

By [Signature]

Deputy.
## GROUNDWATER INDEX

**County**: Cascade  
**Twp.**:  
**Rge.**:  

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Bowser, Paul E.</td>
<td>EA-4</td>
<td>2856</td>
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<tr>
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<td>Bowser, Paul E.</td>
<td>EA-3</td>
<td>2339</td>
<td></td>
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<tr>
<td>29</td>
<td>McCord, John Robert</td>
<td>EA-3</td>
<td>3667</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS

(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961)

1. Paul Eugene Bowman (Name of Appropriator) of Great Falls (Address) has 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: 
   - Personal and livestock use

3. Date or approximate date of earliest beneficial use: 
   - August 18, 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 32 gpm

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: 
   - Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
   - August 18, 1952

8. The depth of water table: 520 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:
   - Well type: Existing; 
   - Depth of well: 231 feet

10. The estimated amount of groundwater withdrawn each year: 4.25 acre-feet

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: Paul E. Bowman
Date: December 30, 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 Without Well

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
</table>
|                                     | Paul E. Bowman | Highwood St.  
|                                      |       | Great Falls, Mont. |

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

Springs

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
</table>
| Year around for livestock

Indicate point of appropriation and place of use, if possible.

Signature of Owner: Paul E. Bowman

Date: December 30, 1963

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

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

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

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

STATE ENGINEER

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

Prior to Jan 1, 1958
John Robert McCafferty and Lourena McCafferty
Owner
Address
Belt, Mont.

Contractor (if any) None
Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. These springs, measured by bucket and watch. No. 1 and 3 flowing into reservoirs and used to water livestock.

No 2 piped into house and used for domestic purposes. All used throughout the year.

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 all year.

<table>
<thead>
<tr>
<th>No.</th>
<th>Gallons per minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Indicate point of appropriation and place of use, if possible.

No. 1 and 2, Northwest Qtr of Northwest Qtr (NW4 of NW1) No. 3, Southwest Quarter of Southwest Quarter (SW13W1)

John Robert McCafferty
Owner

Lourena McCafferty
Signature of Owner

Date: December 16, 1963

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

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

If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
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<tr>
<td>31</td>
<td>Huseman, J. C.</td>
<td>Ew. 3</td>
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<td>31</td>
<td>Enick, Joseph A.</td>
<td>Ew. 4</td>
<td>3261</td>
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</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec 11, 1962
Owner: J. J. Dunolph
Address: Belt, Mont
Contractor (if any): Roberts & Eave
Address of Contractor: Great Falls, Mont
Date Started: Sept 1, 1954, Date Completed: Oct 1, 1954

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

- 15' gale, pipe outlet 12' long.
- Water table 5' from ground level.

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

- Average output one and one-half (1½) gal. per minute, work drought conditions, continuous use.

Signature of Owner: J. J. Dunolph
Date: Dec 11, 1962

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, ex.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
DEC 30 1918.

Date
at 10:00 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)

1. Joseph A. and Vlasta Cusick
   (Name of Appropriator)
   (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 water and watering of cattle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: January 1913 and continuous use since that time

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Developed spring located near the center of the north line of the SWK of the NWK of Sec. 31, T21N, R7W, Cascade County, Montana

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not applicable, water flows from surface

8. The depth of water table: 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: Spring development consisting of a rock box 3 feet deep, approximately 2 feet in diameter, with a 2-inch flow pipe which nipples down to a 1-inch pipe

10. The estimated amount of groundwater withdrawn each year: 2,628,000 gallons

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

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: John A. Cusick
Date: December 29, 1962

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

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

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

County of Cascade.

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

DEC 26 1965

at 11:00 o'clock A.M.

J. L. LENNON

County Clerk and Recorder.

By: E. A. KENNEDY

Deputy.
<table>
<thead>
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<th>Sec.</th>
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<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Kirby, Fred &amp; Goldie</td>
<td>Well 196</td>
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<td>Jay F.</td>
<td>GW H</td>
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<td>Type of Form</td>
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## Water Well Log

**Location:** Sec 9 T 5 R 34 sec

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<thead>
<tr>
<th>Type of well</th>
<th>Dug, driven, bored, or drilled (Churn drill, rotary, other)</th>
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</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic [x] Municipal [ ] Stock [ ] Irrigation [x]</td>
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<tr>
<td>Casing: 21 ft.</td>
<td>Type: Bored Size: 2 in.</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft. Ft. to Ft.</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet.</td>
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<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
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<tr>
<td>Pumping water level:</td>
<td>feet at 1910 gal. per min. 19 Mins.</td>
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<tr>
<td>How tested:</td>
<td>210 Gallon Tank</td>
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<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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(over)
<table>
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<tr>
<th>Description of Material Dug</th>
<th>Depth, Feet</th>
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<tbody>
<tr>
<td></td>
<td>From</td>
</tr>
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STATE OF MONTANA, ss.
County of Cascade.
I hereby certify that the within instrument was filed in this office on
DECEMBER 27, 1961

J. L. LENNON
County Clerk and Recorder.

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

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

File No. 24727

1. Jay F. Nickels, of Box 187, Sidney

County: Cascade
State of Montana

Annex (Name of Appropriator) (Address) (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: Dwellings, Stock watering, Irrigation

3. Date or approximate date of earliest beneficial use; and how continu- ous the use has been: 1939

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

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: Not applicable

10. The estimated amount of groundwater withdrawn each year:

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:

Date: 12/31/1964

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
CLERK AND RECORDER
CASCADE COUNTY MONTANA
I HEREBY CERTIFY THAT THE WITHIN INSTRUMENT WAS FILED FOR RECORD IN THIS OFFICE ON
DEP 3 1 1952
AT 11:17 A.M.
AND DULY REMEDICED AS DOCUMENT NO. 641
J, L. LENNON
CLERK AND RECORDER
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: NOT APPLICABLE
Owner: George G. Rustom
Address: Great Falls, Montana
Contractor (if any): not applicable
Address of Contractor: not applicable
Date Started: not applicable
Date Completed: not applicable

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

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.

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

County of Cascade.

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

DEC. 24, 1963

at 1:57 O'clock, M.

J. L. Lennon

County Clerk and Recorder.

By: [Signature]

[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. George D. Huston of 2205 2nd Ave. So., Great Falls, Montana
   (Name of Appropriator) (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.
      Household use and stock water. Garden irrigation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. About 1930
      Continuous use.

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 1/2 acre lawn and garden.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pumps. One well in basement of house. One well near barn.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. More than 30 years ago.

   8. The depth of water table first water at 20 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. 4 inch casing. Well in house 50' deep. 6 inch casing in 150' deep well at barn. Household type electric water pumps on each.

   10. The estimated amount of groundwater withdrawn each year. 50,000 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. No records available.

   Signature of Owner: George D. Huston
   Date: 1/26/13

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

SEP 12 1878

at 12 58

J. L. LEEYON
County Clerk and Recorder.

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

Owner: Jed Knill
Address: Timsa, Mont.

Driller: Pat Pyrka
Address: Great Falls, Mont.

Date of Notice of Appropriation of Groundwater: Dec. 27, 1963
Date well started: 10-3-63
Date Completed: 10-12-63

Type of well: Drilled
Equipment Used: Churn Drilled
(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.

Static Water Level for non-flowing Well: 13.6 feet. Shut-in Pressure for flowing Well: None.
Pumping Water Level: 58.9 feet at 50 g. per minute.
Discharge in gal. per min. of flowing well: 24 g.

How Tested: Bailer
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).

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

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

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

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

1. Frank W. Kaull of Box 35, Simms, Montana
   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: for home & livestock consumption

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Estimated 75 gal per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Unknown - Estimated 15 years

8. The depth of water table: 33 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: ?

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: So far as known, none.

Signature of Owner: Frank W. Kaull
Date: Dec 9, 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, ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
DECEMBER 27, 1963

at 4:00 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By: [Signature]
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Arthur R. Dorz and Agnes K. Dorz, of Cascade, Montana
(Name of Appropriator) (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: Household and other domestic uses and for livestock and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Prior to 1900. Continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Approximately 40 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. The acreage consists of garden and lawn surrounding the dwelling - approximately 2 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Two wells with pumps - one well located under the dwelling and the other approximately 150 feet from the dwelling.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The wells have been in existence for a number of years. The exact date of commencement and completion is unknown but would estimate at least 40 years.

8. The depth of water table. Varies from 12 to 20 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. Each well is equipped with casing approximately 24 inches in diameter and are approximately 30 feet deep.

10. The estimated amount of groundwater withdrawn each year. Never measured but sufficient for use of the family residing in the dwelling, the yard & garden consisting of approximately 2 acres and for 15 - 20 head of livestock.

11. Any drilling or conditions 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,

Date: December 30, 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 Cascade.

I hereby certify that the within instrument was filed in this office on
JAN 2, 1914.

Date
at 10:10 a.m.

J. L. LENNON
County Clerk and Recorder.

By [Signature]
Deputy.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER RIGHTS

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

James D. Kelley

(Name of Appropriator)

of

(Address)

in

(Town)

County of

du3ade

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

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.

Signature of Owner

Date

Helena Independent Record
DECLARATION OF VESTED GROUNDWATER RIGHTS

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

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been is September 1945, continuously since that date.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) is:
   - Household pump: 1 gal per min.
   - Outdoor irrigation pump: 7000 gal per hour (max.)

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 is:
   - Household pump: Centrifugal electric
   - Irrigation pump: Centrifugal electric for sprinkler system
   - Gasoline for flood irig.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater is:
   - Household well: September 1945
   - Irrigation well: May 1949

7. The depth of water table is 26 ft. to 30 ft.

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

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:
   - Household well: Driven well, 12' pipe, 30 ft.
   - Irrigation well: Drilled, cased, 3' casing, 35 ft.

10. The estimated amount of groundwater withdrawn each year is:
    - Household 55,000 per yr.
    - Irrigation 60,000 per yr.

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

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

Signature of Owner: ____________________________

Date: ____________________________

December 30, 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 Cascade.

I hereby certify that the within instrument was filed to take office on
Dec 3, 1928

At 11:19 a.m. A.M.

J.L. EDISON
County Clerk and Receiver

Dr. JZ L

\[433v\]
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Emmett F. Anderson & Jonathan L. Moore

Eva June Anderson, Name of Appropriator

Hattie A. Moore, (Address)

Mt. Graham, X,
County of Cascade

State of Montana

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

2. The beneficial use on which the claim is based shop and car wash supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1946 - continuously to date.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1946 - driven well, 1" inch pipe

8. The depth of water table 23 to 30 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 September 1946, driven well with 1" inch pipe, 25 ft. depth

10. The estimated amount of groundwater withdrawn each year 55,000 gal. per yr.

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

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 Emmett F. Anderson

Signature of Owner Jonathan L. Moore

Date December 30, 1962

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

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

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

I hereby certify that the within instrument was filed in this office on
DEC 31 1963

Date

at 11:20 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

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

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

File No. T. 26. R. _____________
County _______________________

RECEIVED
JAN 5 1964

STATE ENGINEER

Emmett F. Anderson & Jonathan L. Moore
Name of Appropriator: Hattie A. Moore
Adress __________________________
(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 _________________________.

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 depth of water table _________________________.

8. The depth of water table _________________________.

9. The depth of water table _________________________.

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 _________________________.

Eva Jane Anderson
Signature of Owner _________________________.

Emmett F. Anderson
Date _________________________.

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  
Thereby certify that the within instrument was filed in this office on  
DEC 31 1969  
New  
[Signature]

J. L. FERGUSON  
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)

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

County of CHANCE
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.

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 Dec. 30, 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; Tripliicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

[Redacted]
STATE OF MONTANA
County of Cascade
I hereby certify that the within instrument was filed in this office on
Dec. 30, 1858
at 10:57 o'clock M.
J. L. LENNON
County Clerk and Recorder.
By:          Deputy