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)

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

1. Name of Appropriator
2. The beneficial use on which the claim is based
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
4. The amount of groundwater claimed (in万nches or gallons per minute)
5. If used for irrigation, give the storage and description of the lake 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 The estimated amount of groundwater withdrawn each year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, 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 incorrect.

Official to the County Clerk and Recorder: Duplicate to the State Engineer; Duplicate to Montana Bureau of Mines & Geology, and Certified for the use of Bureau of

1945
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

(1) Name of Appropriator: [Name of Appropriator]
(2) Address: [Address]
(Town)

County of [County Name], State of Montana

I, [Appropriator's Name], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. [Description of Appropriation]

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

3. Date or approximate date of earliest beneficial use and on which water was first pumped:

4. The amount of groundwater claimed in inches of water table:

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

6. The means of withdrawing such water from the ground and the location of said 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 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: [Signature]
Date: [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 nullified.

Address to the County Clerk and Recorder: [Address]
Duplicated to Montana Bureau of Mines & Geology, and County Clerk for the record.

Revised: 1945-9
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 17, 1967
Owner: S. Becker
Address: Silver Stays

Contractor (if any): None
Address of Contractor: None

Date Started: None Date Completed: None

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

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.

NE NE Sec. 36, T. 11, R. 4

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

Signature of Owner: J. Becker
Date: December 18, 1967

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

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

1. **Forrest S. Baker**, of *Khotan Hall* (Name of Appropriator) (Address)
   
   County of *Jefferson*; 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: *House Hall*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: *1941, 1942, 1943*

4. The amount of groundwater claimed (in miner's inches or gallons per minute): *10 - 12 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: *See Sec. 36, T. 11 N., R. 19 W.*

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: *2 - 3 feet*

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

10. The estimated amount of groundwater withdrawn each year: *67,400 gallons*.

11. The log of formations encountered in the drilling of each well if available: *See Sec. 36, T. 11 N., R. 19 W.*

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**  *Forrest S. Baker*

Date *December 15th, 1965*

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

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

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

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

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

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

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

OWNER

<table>
<thead>
<tr>
<th>Address</th>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DATE WELL STARTED: 1/1/71

DATE WELL COMPLETED: 1/1/71

TYPE OF WELL: 

Equipment used:

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Well</th>
<th>Time to</th>
<th>Perf</th>
<th>Time to</th>
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</thead>
<tbody>
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<td></td>
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<td></td>
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</tr>
</tbody>
</table>

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

Driller's Signature: 

Driller's Address: 

LICENSE NO.: 

Show exact depth of bottom.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County of: [Name of County]
State of: [Name of State]

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

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

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.
**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>1939</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner/Contractor</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td></td>
</tr>
<tr>
<td>Address of Contractor</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
</tbody>
</table>

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

- **Sub-Irrigation**
  - Section 30-1-4 40 Acres
  - Section 19-1-4 100 Acres
  - Section 19-1-4 50 Acres
  - Section 25-1-5 40 Acres

- **230 Acres Sub-Irrigated**

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.

- Used Sub-Irrigation water since 1939. Sufficient water to keep this acreage in good growing condition in summer and sufficient moisture to support use.

Signature of Owner: [Signature]
Date: [Date]

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

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

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

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

County of Jefferson, State of Montana,

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

1. **Appropriator:** Pete Patalasini
   **Address:** 8 E. F 71
   **Town:** Whitehall

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1948, STEADY

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 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:
   **Not Applicable**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Not Applicable**

8. The depth of water table: 10

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   **Depth: 50 ft.**

10. The estimated amount of groundwater withdrawn each year: 20,000 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: **Not Recorded**

Signature of Owner: **Pete Patalasini**
Date: Dec 18, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

DEC 19 1963

STATE ENGINEER

1. Pete Patascini
   (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: Household

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: 1955 - Daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 159 gal per month

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

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

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

8. The depth of water table: 3'

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: Depth 15 1/2 pipe

10. The estimated amount of groundwater withdrawn each year: 10,000 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: Not required

Signature of Owner: Pete Patascini
Date: Dec 18, 1963

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

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

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

Jefferson County, Montana.

Filed for record this day at 12 N.M.

A.D. 1908.

P. R. D., Clerk.

Alton M. Davidson,

County Recorder.

8311/2
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Reverend Dr. E. W. Ballagh, of... Mitchell
County of... Jefferson
State of Montana

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

1. Name of Appropriator

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

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

4. The amount of groundwater claimed (in a person's inches or gallons per day).

5. If used for irrigation, give the storage and description of the lands to which water has been applied and name of the person 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, valvior 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

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.

Yours faithfully,

THIRD COPY TO MONTANA BUREAU OF MINES & GEOLOGY, AND QUARTRERLY TO THE STATE ENGINEER.
DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961)

Raymond M. | Eileen M. | Mitchell
(Name of Appropriator) | (Town) | (State of Appropriator)

County of | State of |

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: ____________________________

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

4. The amount of groundwater claimed: ____________________

5. If used for irrigation, give the storage and description of the lands to which water has been applied and map of the same thereon:

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

7. The date of commencement and completion of the construction of a 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.

Submit to the County Clerk and Recorder; in State to the State Engineer; Triplicate to Montana Bureau of Mines & Geology, and Quadruplicate to the owner thereof.
83138

RECORDING OFFICE

Montana County

This 26th day of December 1880

At 11:45 A.M.

A. M. Brown

County Recorder
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: January, 1960

Owner: Eugene Holt, address: Silver Star.

Contractor (if any): none

Address of Contractor: none

Date Started: none

Date Completed: none

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Running spring could be pumped to flood irrigate. 

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. Used all year for at: #x water. Estimated at #x miners inches.

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

Signature of Owner: 

Date: Dec. 20, 1960

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

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

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

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

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: [Signature]
Date: [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; Quadruplicate for the Appriritor.
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 537 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: R. Brake
Address: Whitehall, Montana
File: 94618
Date well started: April 26, 1962

Type of well: Drilled
Equipment used: churn drill
Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Garden/Lawn □

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Pupil</th>
<th>Size and Weight of Collar</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 5 5/8 02</td>
<td>0.250</td>
<td>110'</td>
<td></td>
<td>cutting tor 103' 107'</td>
</tr>
</tbody>
</table>

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

- Measured from ground level.
- Well developed by: hours
- Power: HP
- Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: [Signature]
Driller's Address: 2804 Harvard Ave., Butte, Montana

Top of Ground (Elev. above sea level)

110' Show exact depth of bottom...
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Mena K. Street, 5516 North Whittier
   (Name of Appropriator) (Address) (Town)
   County of Helena; 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, 

   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: Mena K. Street.
   Date: June 28, 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)

(Name of Appropriator) (Address) (Town)

County of ___________ State of ___________

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

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been from time to time;

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

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

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

6. The depth of water table;

7. 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;

8. The estimated amount of groundwater withdrawn each year;

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

10. 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. A. F. TIBBALS, of 300 N. DIVISION WHITEHALL
   (Name of Appropriator) (Address) (Town)

   County of JEFFERSON 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: IRRIGATION

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: ABOUT 1875 DISCONTINUED USE ABOUT 1925 RESUMED USING 1955

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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:

      320 ACRES - TRACT 1N.W.
      WHITEHALL TOWNSITE
      ARTIDBALL OWNER

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

      LOCATION 300 N. DIVISION ST. WHITEHALL

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1895

   8. The depth of water table: 8 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:

      DUG WELL 3 FT. DIAMETER
      DEPTH 15 FT.

   10. The estimated amount of groundwater withdrawn each year: 240,000 GALS.

   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

   Signature of Owner, OH. TIBBALS
   Date Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
RECORD OF OFFICE

Jefferson County, Montana

Filed for record the 31st day of June

A.D. 1913

Received A. M. 31.

[Signature]

County Attest.

Page 1
<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>2</td>
<td>Show Frank and Dorothy</td>
<td>NW 4</td>
<td>83089</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Dewitt Franklin</td>
<td>NW 2</td>
<td>87514</td>
<td>11-23-30</td>
</tr>
<tr>
<td>3</td>
<td>Gillis Lewis Jr.</td>
<td>NW 2</td>
<td>94857</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Lewis Bruce</td>
<td>NW 2</td>
<td>574444</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>McClure Richard</td>
<td>NW 4</td>
<td>82217</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Reams James</td>
<td>NW 2</td>
<td>88456</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Daniel Wells</td>
<td>NW 4</td>
<td>83313</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>David Wilson</td>
<td>NW 4</td>
<td>83929</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Davis Robert</td>
<td>NW 2</td>
<td>97975</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Feely E. W.</td>
<td>NW 2</td>
<td>97274</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Feely Edward</td>
<td>NW 4</td>
<td>83120</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Feely Edward</td>
<td>NW 4</td>
<td>83123</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Feely Edward</td>
<td>NW 4</td>
<td>83182</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Feely Edward</td>
<td>NW 2</td>
<td>97733</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Feely Edward</td>
<td>NW 3</td>
<td>97731</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Feely Edward</td>
<td>NW 2</td>
<td>97721</td>
<td>Duncan 7-8</td>
</tr>
<tr>
<td>10</td>
<td>Campbell Joseph</td>
<td>NW 4</td>
<td>83247</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Campbell Joseph</td>
<td>NW 4</td>
<td>83166</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Anderson Charles</td>
<td>NW 4</td>
<td>82907</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Sullivan Pugh</td>
<td>NW 4</td>
<td>82706</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Sullivan Pugh</td>
<td>NW 4</td>
<td>82705</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>Show Dorothy</td>
<td>NW 4</td>
<td>83087</td>
<td>11-21-31-30</td>
</tr>
<tr>
<td>75</td>
<td>Show Dorothy</td>
<td>NW 4</td>
<td>83087</td>
<td>11-21-31-30</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)

1. (Name of Appropriator) (Address) (Town)
   County of ____________________________ State of Montana

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

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

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

4. The amount of groundwater claimed (in miner's hukes 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:
   _______ acres of land irrigated with water from this well
   _______ acres of land irrigated with water from _______ well
   _______ acres of land irrigated with water from _______ well

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   From geothermal water
   From cold springs
   From ________

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.
   Information here

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.

38x954
83089
Mr. Frank Shaw, Cardwell, Montana
May 19, 1964

12-20-63
83089
from the Boulder River
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: Mr. Jim Fall

Address: Cardwell, Montana

Date well started: May 7, 1971

Date well completed: May 24, 1971

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).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Filtered Water Use</th>
<th>Max and Min Depth of Filtered Water Use</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>5/8&quot; x 2.50&quot;</td>
<td>1' avg</td>
<td></td>
<td>Cutting Torch: 36&quot; - 41&quot;</td>
</tr>
</tbody>
</table>

Static water level: 7' measured from ground level.
Pumping water level: 15 gallons per minute.

Well developed by: Driller

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

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

Driller's Signature: O'Keefe Drilling Company

Driller's Address: 704 Harvard Ave.

Butte, Montana LICENSE NO. 8

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' 2&quot; Top soil</td>
<td></td>
</tr>
<tr>
<td>2' 12&quot; Black silt sand</td>
<td></td>
</tr>
<tr>
<td>12' 27&quot; Sand and Gravel water</td>
<td></td>
</tr>
<tr>
<td>27' 35&quot; Sand and Clay</td>
<td></td>
</tr>
<tr>
<td>35' 43&quot; Grey sand and gravel water</td>
<td></td>
</tr>
</tbody>
</table>

*Show exact depth of bottom
**WATER WELL LOG**

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Location:** Sec. 3, T. 1 N., R. 3 W., ½ sec. south half corner.

**Type of well:**

**Equipment used:**

**Water use:**

- Domestic [x]
- Municipal [ ]
- Stock [ ]
- Irrigation [ ]
- Industrial [ ]
- Drainage [ ]
- Other [ ]

**Casing:**

- ft. to ft. Type [ ] Size [ ]
- ft. to ft. Type [ ] Size [ ]
- ft. to ft. Type [ ] Size [ ]

**Perforated or Screened:**

- Ft. to ft. Ft. to ft.

**Type of screen or perforations:**

**Static Water level, for non-flowing well:**

**Shut-in pressure, for flowing well:**

**Pumping water level:**

**How tested:**

**Length of test:**

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td></td>
<td>2 ft.</td>
</tr>
<tr>
<td>2 ft</td>
<td>Sandstone</td>
</tr>
<tr>
<td>70 ft</td>
<td>Bluestone and sandstone</td>
</tr>
<tr>
<td>To 157 ft</td>
<td>Bluestone and sandstone</td>
</tr>
</tbody>
</table>

Log of Well
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Helena, Montana

Developed after January 1, 1962

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

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

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

Owner: [Name]
Address: [Address]

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

Type of well: Drilled

Equipment used: churn drilled

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

*Describe [ ]

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Water Drainage</th>
<th>Flow (GPM)</th>
<th>Depth (Feet)</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>6 5/8</td>
<td>1.702</td>
<td>27'</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 14' ft
Pumping water level 14' ft
at 30 gallons per minute, measured minutes after pumping began.

*Measured from ground level.
Well developed by [Method] for [Time] hours.
Power: [Type] HP

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

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

Each small square represents 40 acres.

Driller's Signature: [Signature]
Driller's Address: [Address]

Top of Ground

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>27</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

\[6639\]
Recently a copy of a groundwater appropriation form, GW 1, Notice of Appropriation of Groundwater, GW 2, Notice of Completion of Groundwater Appropriation by means of Well, GW 3, Notice of Completion of Groundwater Appropriation without Well, and GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965) was forwarded to this office by the County Clerk and Recorder. This form is identified by:

Owner: Jim Looma  
Address: Whitehall, Montana  
Location:  
Document No.: 91080

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please provide the estimated annual withdrawal; also indicate the location of the well by Township, Range, and Section; and indicate well on the plot provided.

Other,

In our warranty deed, it describes the

Land: Lot Number 41 of Tract No. 3 located
in NE 1/4 of Section 3, Township 1 North, Range 3 West.

The well is in the middle of the land.  

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

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

Driller's Signature:  
O'Keefe Drilling  
8904 Harvard Ave.  
Driller's Address:  
Butte, Montana  
License No.:  

46639
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Helena, Montana
Developed after January 1, 1962

(Under Chapter 227 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, her copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise
the form may be returned.

Owner: [Name]
Address: [Address]

Date well started: [Date]
Type of well: [Type]
Equipment used: [Equipment]
Water Use: [Use]

*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).

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

Top of Ground: [Top of Ground]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]

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

O'Keefe Drilling
Driller's Signature: [Signature]
Driller's Address: [Address]
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>1. Mrs. Jessie Shaw</th>
<th>Box 6</th>
<th>Cardwell, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
<tr>
<td>County of Jefferson</td>
<td>State of Montana</td>
<td></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: **household, yard and garden irrigation, and pasture irrigation in dry weather.**

3. Date or approximate date of earliest beneficial use: **1925** - **has been in constant use annually since well was drilled, also, used for ranch, pump, and p. homes, as well as Irrigation.**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **20 gal. per min.**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied or the 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: **Fall of 1949**

8. The depth of water table: **will not exceed 5 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:

10. The estimated amount of groundwater withdrawn each year: **17,500,000 gallons**

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

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

<table>
<thead>
<tr>
<th>1943</th>
<th>115</th>
</tr>
</thead>
</table>

Signature of Owner: **Mrs. Jessie Shaw**

Date: **12/17/43**

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 space; 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.

19430
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 owner with County Clerk and Recorder in county in which the well is located, last copy to be retained by driller.

Roy Wilkinson
Owner
Cardwell
Montana
Date well started 9-22-72
completed same
Type of well Drilled
Equipment used Churn Drill
Water Use: Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □ Garden/Lawn □

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Pipe</th>
<th>Size and Weight of casing</th>
<th>Diameter (Feet)</th>
<th>Feet</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 1/8&quot; &quot;odd&quot;</td>
<td>.250 +1'</td>
<td>78'</td>
<td>cutting torch</td>
</tr>
</tbody>
</table>

Static water level: 9 feet
Pumping water level: 65 feet
at: 12 gallons per minute
measured: 90 minutes after pumping began.
*Measured from ground level.
Well developed by drilling
for: 1/2 hour
Power: Pump: HP: Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: O'Keefe Contracting Company
2804 Harvard Ave.

Driller's Address: Butte, Montana 59701
LICENSE NO. Show exact depth of bottom
BUTTE, MT

Butte County, Montana

Filed for recording the 9th day of Dec.

1895, in the 75th year of our Lord.

J. A. McFarland
County Recorder

By: Carlos G. Mallick
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

NOV 18 1963

DECLARATION

(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: __________ 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 School of Mines and quadruplicate for the Appropriator.
82917

RECORDE'S OFFICE,
Jefferson County, Montana

Filed for record this 15 day of November
A. D. 19__

[Signature]

County Recorder
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

Owner: Howard Nulligan  Address: Whitehall, Montana

Driller: Milton E. Jones  Address: Roseman, Montana

Date of Notice of appropriation of groundwater: ____________

Date well started: ____________ Date completed: ____________

Type of well: Drilled  Equipment used: Churn Drill

(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other

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

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Weight of Cutting</td>
<td>(Feet)</td>
<td>(Feet)</td>
</tr>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; 0.D. X 152&quot;</td>
<td>59'</td>
<td></td>
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</tbody>
</table>

静止水位 for non-flowing well _______ feet.

关井压力 for flowing well _______ feet.

排水位 _______ feet per minute.

何测试 _______ 次.

测试长度 _______ 小时.

备注: (砾石充填, 封填, 泥浆类型, 等级)

请回答所有问题。如果不可用，请说明，否则表格将被退回。

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

请回答所有问题。如果不可用，请说明，否则表格将被退回。

Driller’s License Number

Driller’s Signature

Howard Nulligan

Number 12

Driller’s License Number

Milton E. Jones

Driller’s Signature

Howard Nulligan
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Herschel Davis
   (Name of Appropriator)
   of Box 163, Poston
   (Town)
   Whitehall
   (Address)

County of Jefferson
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:
   #1 - Domestic stockwater, irrigation; #2 - Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   #1 - used continuously since 1910;
   #2 - used continuously since 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   #1 - 10 gallons per minute
   #2 - 10 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   #1 - only used on 1 acre plot of yard and garden adjacent to house
   #2 -太空

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   #1 - Vertical wells and pumps
   #2 - Submersible motors

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   #1 - commenced and completed about 1910;
   #2 - commenced and completed about 1930

8. The depth of water table:
   #1 - 4 feet
   #2 - 40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   #1 - 4-inch steel casing to depth of 40 feet with Jet Electric Pump;
   #2 - 4-inch casing to depth of 20 feet with electric jet pump

   600,000 gallons for #1
   300,000 gallons for #2

10. The estimated amount of groundwater withdrawn each year:
    #1 - 300,000 gallons
    #2 - 300,000 gallons

11. The log of formations encountered in the drilling of each well if available:
    #1 - Gravel sand from surface to bottom of wells
    #2 - Gravel sand from surface to bottom of wells

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. 20, 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 Appropnator.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

<table>
<thead>
<tr>
<th>For Administrator's Use</th>
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<tbody>
<tr>
<td>File 0129</td>
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<tr>
<td>6.09.73</td>
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<tr>
<td>GW 1 3.26</td>
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</table>

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Contractor (if any)</th>
<th>Address of Contractor</th>
<th>Date Started</th>
<th>Date Completed</th>
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1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   **Sub-irrigation**

2. Means of withdrawing water (gravity, pump, canal, etc.)
   **Gravity**

3. Depth of water table 10 ft.

4. Use of the water
   **Irrigation**

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 300 miner's inches

6. If used for irrigation, give number of acres and description of land 200 acres or less

7. Estimate amount of water used each year 100,000 acre-ft

8. Months of year spring flows 12 months

Signature of Owner

Date 5/5/91
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 is to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

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

Owner: Robert Lee Davis
Address: Box 456, Whitehall, Montana

Date well started: Approximately 1942

Type of well: Drilled

Equipment used: Down the hole drill

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

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). NA

ESTIMATED ANNUAL WITHDRAWAL: 400,000 gal

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

Driller's Signature: ____________________________
Driller's Address: _____________________________
LICENSE NO.: ____________________________

Show exact depth of bottom}

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Rev. show sea level)</th>
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<tr>
<th>Size of Unit</th>
<th>Rise and Rise of Water</th>
<th>Year (Year)</th>
<th>To (Year)</th>
<th>PER/REMARKS</th>
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<tr>
<th>N</th>
<th>W</th>
<th>E</th>
<th>S</th>
<th>Static water level</th>
<th>Pumping water level</th>
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*Measured from ground level.

Well developed for ________ hours.

Power: Pump ________ HP

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