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

Owner: Sigurd Meland
Address: Simpson, Montana

Driller: Hi-Line Drilling Service
Address: Helena, Montana

Date of Notice of Appropriation of Groundwater:

Date well started: August 21, 1966; Completed: Aug. 31, 1966

Type of well: Drilled
Equipment Used: Cable Tool

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0</td>
<td>255</td>
<td>3/16&quot; x 80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>255</td>
<td>270</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td>1/2&quot; I.D.</td>
<td>6 1/2&quot; per Ft.</td>
<td>255</td>
<td>270</td>
</tr>
<tr>
<td></td>
<td>Hard Sandstone</td>
<td>270</td>
<td></td>
<td>13¢ per Ft.</td>
</tr>
<tr>
<td></td>
<td>Grey sandstone-Water-13/4 GPM</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Predominately blue-grey and grey-blue sandstone: (Numerous color changes)</td>
<td></td>
<td></td>
<td>255&quot; x 80</td>
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<tr>
<td></td>
<td>Predominately blue-grey and grey-blue sandstone</td>
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<td>140</td>
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<td>Predominately blue-grey and grey-blue sandstone</td>
<td></td>
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<td>255&quot; x 80</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 70 feet.

Shut-in Pressure for flowing well: Not applicable.

Pumping Water Level: 251 feet at 7 gal. per minute.

Discharge in gal. per min. of flowing well: Not applicable.

How Tested: Baler A pump
Length of Test: 5 hrs.

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

Driller's License Number

Driller's Signature

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

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

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

40836
Doc. No. 405530

SIGURD MEILAND

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

STATE OF MONTANA
COUNTY OF HILL

ON FEB 10 1966
R. E. BLOM
COUNTY CLERK

By
DEPUTY

Fee: $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

Pursuant to Chapter 277, Montana Session Laws, 1961, the State of Montana, through its Office of State Engineer, in its capacity as Administrator of Groundwater Code, does hereby declare the following as vested groundwater rights:

1. **Applicant:** [Name of Applicant]
   - [Address]
   - [Town]
   - [County]
   - [State]

   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

2. The beneficial use of which the applicant is based
   - [Description]

3. Date or approximate date of earliest beneficial use
   - [Date: May 1, 1953]

4. The amount of groundwater claimed (in miner's inches and gallons per minute)
   - [Amount: 40.5 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
   - [Acreage: 100 acres]

6. The manner of withdrawing such water from the ground and the location of each well or other means of withdrawal
   - [Method: Pump with gas motor]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - [Dates: May 1, 1953; June 1, 1953]

8. The depth of water table
   - [Depth: 80 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 withdrawal of groundwater
   - [Specifications]

10. The estimated amount of groundwater withdrawn each year
    - [Amount: 100,000 gallons]

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

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
    - [Reference]

Signature of Owner: [Signature]
Date: [Date: June 1, 1953]

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
3971.79

SIGURD HELLAND

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at ____________

ON DEC. 1, 1963

COUNTY CLERK

FEE: $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 277, Montana Session Laws, 1962)


Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

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

Indicate print of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based

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

4. The amount of groundwater claimed (in million cubic feet per annum)

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

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF HILL
Filed at 11 o'clock A.M.
on January 1, 1963
BE: 6.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Loyd McLeod**, of 201 Poplar, Three Forks, Montana, County of Madison, State of Montana, having appropriated groundwater according to the Montana law in effect prior to Jan. 1, 1962 as follows:

2. The beneficial use for which the claim is based

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

4. The amount of groundwater claimed (in inches or gallons per minute) 40 gallons.

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

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. 100,000 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.

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; TriPLICATE to the School of Mines and Quadruplicate for the Appropriator.

Date 12/30/63

Signature of Owner: Loyd McLeod
DECLARATION OF VISITED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at 11:00 o'clock a.m. on 21-1-1963

SOUTHERN CliRCL

Fees: $3.00 paid.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

Ethel Connolly, Executor of the
Estate of Thomas Connolly, Dec'd., of 316 Tenth Street

1. Name of Appropriator
   Address
   Town
   County of Hill, State of Montana

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

2. The beneficial use on which the claim is based: human consumption on ranch and for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: to the knowledge of the appropriator, continuous use since prior to 1910.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: dug well and hand pump; and in past years a windmill pump. Located within 200 feet of dwelling.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: To the personal knowledge of the appropriator, the dug well was completed prior to 1910.

8. The depth of water table: Approximately 15 feet.

9. So far as it may be available, the type, size and depth of each well or other works for the withdrawal of groundwater: This well is a hand dug well between 16 and 20 feet in depth; with wooden cribbing, sandpoint; and hand pump at the present time. 5,356,000 gallons.

10. The estimated amount of groundwater withdrawn each year: Not Available.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None.

Signature of Owner: Ethel Connolly, Executor of the Estate of Thomas Connolly, Dec'd.
Date: December 17, 1963.

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
396533

R. E. Blon

THE PUBLIC

DECLARATION OF WILLED CHURCH
WELL RIGHTS

R. E. Blon

Fees $2.00 pd.
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: BERNIE BOLIN
Address: SIMPSON AVE
HAVRE, MONTANA

Date well started: 8/24/61
completed: 8/30/61

Type of well: DRILLED + DUG
Equipment used: BABLE TOOL RIG
(Thru drill, rotary or other)

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL: 500,000 GALLONS

| PERCENTAGES | 38° | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% | 30° | 15% |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

Static water level: 3 ft.*
Pumping water level: 10 ft.
at 3 gallons per minute measured 30 minutes after pumping began.
*Measured from ground level.

Well developed by ELECTRIC PUMP.
Power: ELECTRIC. Pump: 1/4 HP.
Remarks: (Gravel packing, cementing, packers, type of shut-off) WELL GENERAL PURPOSE FROM 30 FT.
LEAK BACK TO 15 FT.
Cemented From 1/4 FT.
30 FT.
LEAK TO FRACTURE 10 FT.

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

Driller's Signature

Driller's Address: 1173 E. 6th ST. HAVRE, MONTANA

License No. 46

County: HILL

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

Top of Ground (from above sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75</td>
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</tr>
<tr>
<td>3</td>
<td>BROWN Silt &amp; Silt Clay Soil</td>
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<tr>
<td>5</td>
<td>GREY CLAY &amp; SAND</td>
</tr>
<tr>
<td>7</td>
<td>SANDY GREY CLAY</td>
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<tr>
<td>10</td>
<td>GREY SAND &amp; GRAVEL</td>
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<tr>
<td>15</td>
<td>TAILING BOX</td>
</tr>
<tr>
<td>20</td>
<td>SMALL AMOUNT OF WATER</td>
</tr>
<tr>
<td>25</td>
<td>GREENLY GREY CLAY</td>
</tr>
<tr>
<td>30</td>
<td>GREY SAND &amp; GRAVEL</td>
</tr>
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<td>CLAY MIX</td>
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<tr>
<td>40</td>
<td>WATER APPROP.</td>
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<td>SANDY BROWN SOIL</td>
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<td>50</td>
<td>BLUE GREY SAND</td>
</tr>
<tr>
<td>55</td>
<td>BLUE GREY SAND</td>
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</tbody>
</table>

Show exact depth of bottom

49346
BENNY BOYUM

TO

THE PUBLIC

FFB 8 1972

Fee: $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS

1. 
   
   Name of Appropriate: Bennie Boyum  
   Address: MONTANA  
   (Address)  
   County of:  
   State of: MONTANA

   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

2. The purpose for which the claim is based

3. Date or approximate date of earliest beneficial use; and how, if any, such use has been continued

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

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 other means of withdrawal

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: Bennie Boyum
Date:

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines 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>
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<tr>
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<td>GW4</td>
<td>70-04967</td>
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<tr>
<td>13</td>
<td>Percy H. House</td>
<td>GW4</td>
<td>70-02022</td>
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<td>70-02032</td>
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<td>17</td>
<td>Frank E. Lamonding</td>
<td>GW4</td>
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<tr>
<td>22</td>
<td>Mrs. R. Campbell</td>
<td>GW4</td>
<td>70-0205</td>
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<td>24</td>
<td>Arthur F. Young</td>
<td>GW4</td>
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<td>27</td>
<td>Arthur F. Young</td>
<td>GW4</td>
<td>70-0051</td>
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</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. F. A. Bennett, of Havre,
   (Name of Appropriator) (Address) (Town)
   County of Hill, 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 field and few stock

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1/2 gpm per council

   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: No irrigation

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 134 ft deep

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Oct 1910 to 14 years ago

   8. The depth of water table: about 3 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: 20 ft deep

   10. The estimated amount of groundwater withdrawn each year: N/A

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

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

   Signature of Owner: F. A. Bennett

   Date: Aug 21, 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.
F. O. BENNETT

TO

THE PUBLIC

DECLARATION OF YESTED
GROUNDWATER RIGHTS


STATE OF MONTANA, ss.
COUNTY OF HILL

Filed at 2:00 o'clock P.M.

ON AUG 22 1963

R. E. BLOM COUNTY WDEY

FEE: $2.00 pd.
STATE OF MONTANA

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

1. Percy M. Beach, of Butte, Butte County, Montana
   (Name of Appropriator) (Address) (Town)
   Appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

<table>
<thead>
<tr>
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<tbody>
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<tr>
<td>S</td>
<td>10</td>
</tr>
<tr>
<td>E</td>
<td>10</td>
</tr>
</tbody>
</table>

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

   2. The beneficial use of 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: Percy M. Beach
   Date: Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
397002

Percy P. Couch

TO

The People

Declaration of vested groundwater rights

State of Montana, County of Hill

Filed at 9:15 a.m.

On

Dec. 8, 1963

By


$2.00 paid
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) ______________
   (County) ______________
   (State of Montana) ______________

   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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 since
      ___________________________

   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 & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
PERCY N. COUCH

TO

THE PUBLIC

DECLARATION OF VISIT

CINCINNATI, OHIO

STATE OF MONTANA
COUNTY OF BILL
Filed on ___...___...

ON ___...___...

by

VERIFIED 2,000 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **[Name of Appropriator]**
   *County of* ____________  *State of* Montana
   **[Address]**
   **[Town]**
   **[County]**
   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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 & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
397014

P. P. LAUGHLING

TO

THE PUBLIC

DECLARATION OF WANTED SECURITY RIGHTS

STATE OF ILLINOIS
COUNTY OF HILL

Filed on

OCT 14 1865

By

REED

FEE: $2.00 per pge
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 277, Montana Session Laws, 1961)

1. Name of Appropriator: ____________________________
   Address: ____________________________
   State of: ____________________________
   County of: ____________________________
   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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 & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
George R. Campbell

To

The public

Declaration of Vested Groundwater Rights

STATE OF MONTANA

COUNTY OF HILL

In re 

ON 04/19/63

County Clerk

Filed

fee: $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Arthur E. Weyer
   of 717 Sunset Drive, Houlton
   County of Hill
   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
   Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1915

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 gpm per acre

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: 1915

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: 6 in x 12 in

10. The estimated amount of groundwater withdrawn each year: 50,000 gpd

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: Arthur E. Weyer
Date: 1/29/63

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 Approprietor.
STATE OF MONTANA
COUNTY OF HILL

Filed at

ON

PEIP: $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Arthur E. Weidler
Name of Appropriator

of 1715 Sunset Drive
Address

Helena, Montana
Town

Lake County
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:

Stock Water

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

June 1, 1915

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

2,000 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:

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

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

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:

100,000

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 Appropriorator.
DECLARATION OF VESTED GROUND WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at ______ o'clock a.m.
STATE OF MONTANA
COUNTY OF HILL
OMNIBUS DOCKET 30-1963

By: ______

FEE: $2.00 pd.
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<th>Sec.</th>
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<th>Type of Form</th>
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<td>Millie Cathie</td>
<td>1861</td>
<td>3460</td>
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<td>Milton Adamson</td>
<td>GWA</td>
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Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: Norala Lee Long
   Address: Havre, Mont
   Town: Havre
   County: M'tna
   State: 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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1946

   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 since 1946

   8. The depth of water table

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

   10. The estimated amount of groundwater withdrawn each year

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

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

   Signature of Owner: Norala Lee Long
   Date: Dec 19, 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; Tripllicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

   24586
NORA LEE LONG

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

DATE OF MONTANA
COUNTY OF HILL
Filed at 11 o'clock 7th.

27, 1963
COUNTY CLERK

$2.00 pl.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
WATER WELL LOG

Owner: MILL DAVIS COLONY
Address: BUTTE, MONTANA

Driller: SIMPSON DRILLING CO.
Address: HAYES, MONTANA
DRILLER FOR BREVNO JACOBSON 1609, MAPLE DRIVE, HAYES, MONTANA
Date Started: 11/2/61
Date Completed: 12/4/61
Location: Sec. 9, T. 25N, R. 165E, 1/4 sec. 4

Type of well: DRILLED
Equipment used: CASING ROLES

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other: [ ]

Casing: 0 ft. to 169 ft. Type 226 Size 8
Casing: 169 ft. to 254 ft. Type 220 Size 6
Casing: 254 ft. to 294 ft. Type 239 Size 6
Perforated or Screened: Ft. 212 to 239 Ft. to ft.
Type of screen or perforations: 2/6
Static Water level, for non-flowing well: 85 feet
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level: 180 feet at 32 gal. per min.
How tested: BAILER
Length of test: 2 HOURS
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Hilldale Colony
Stable T. Heffes

(over)
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<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<td>Yellow clay</td>
</tr>
<tr>
<td>40 to 87</td>
<td>Sand gravel clay</td>
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<tr>
<td>87 to 103</td>
<td>Gray brown clay</td>
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<td>103 to 135</td>
<td>Blue clay</td>
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<tr>
<td>135 to 225</td>
<td>Blue gray shale</td>
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<tr>
<td>225 to 233</td>
<td>Coal</td>
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<td>233 to 253</td>
<td>Gray shale</td>
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<tr>
<td>253 to 260</td>
<td>Gray sandstone</td>
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<td>260 to 285</td>
<td>Gray sandstone</td>
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<td>285 to 295</td>
<td>Dark brown shale</td>
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<td>295 to 305</td>
<td>Gray sandstone</td>
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<td>305 to 320</td>
<td>Gray sandstone</td>
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<tr>
<td>320 to 445</td>
<td>Hard gray shale</td>
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<td>445 to 460</td>
<td>Gray shale</td>
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<tr>
<td>460 to 611</td>
<td>Sandstone salt water</td>
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<td>611 to 633</td>
<td>Gray shale</td>
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<td>633 to 650</td>
<td>Sandstone salt water</td>
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<td>650 to 652</td>
<td>Gray shale</td>
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<td>652 to 656</td>
<td>Hard sandstone</td>
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<td>656 to 670</td>
<td>Red shale</td>
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<td>670 to 681</td>
<td>Gray sandstone</td>
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<td>681 to 696</td>
<td>Sandstone salt water</td>
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<td>696 to 720</td>
<td>Red shale</td>
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<td>720 to 726</td>
<td>Sandstone salt water</td>
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<td>726 to 733</td>
<td>Red shale</td>
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<td>733 to 748</td>
<td>Gray sandstone</td>
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<td>748 to 783</td>
<td>Coal water, salty</td>
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<td>783 to 833</td>
<td>Sandstone water, salty</td>
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<tr>
<td>833 to 853</td>
<td>Broken sandstone</td>
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<tr>
<td>853 to 870</td>
<td>Broken sandstone</td>
</tr>
<tr>
<td>870 to 1135</td>
<td>Dark gray shale</td>
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DOCUMENT NO. 336543

HILL DALE COLONY

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA

COUNTY OF HILL

Filed at 1:00 o'clock P.M.

ON DEC. 5 1961

G.R. YEOH

COUNTY CLERK

by

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

1. Hildale Canary, of Hill House, Hill
   (Name of Appropriator) (Address) (Town)
   County of State of Montana
   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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 & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Hilldale Colony**, or #637, Haan **STATE ENGINEER**
   (Name of Appropriator) (Town)
   County of **WILL**
   State of **MONTANA**

   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

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</table>

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

2. The beneficial use on which the claim is based

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 & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
HILL DALE, DEPARTMENT

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 11:00 a.m.
ON DEC 31, 1963

PERK $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. ___________ (Name of Appropriator)
   County of ___________ (County)
   State of ___________ (State)

Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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
   ___________ (Date)

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

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:
   ___________ (Date)

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)

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
397030

H. E. SLYTER by
WESLEY ESALLY

To

THE PUBLIC

DECLARATION OF VESTED
PROBATE ATTEST

STATE OF MONTANA
COUNTY OF BILL
Filed on 10-21-63
on DEC. 3, 1963.

fee: $2.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: __________________________ Address: __________________________
Driller: X. M. LEE Address: __________________________

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

Type of well: Artific. Equipment Used: C.I. L.A. (dig, driven, bored or drilled) (Churn, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
</table>

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

How Tested: __________________________ Length of Test: __________________________

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

<table>
<thead>
<tr>
<th>Kind</th>
<th>Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
</table>

Driller's License Number: __________________________
Driller's Signature: __________________________

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

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

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

COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

STATE OF MONTANA,
COUNTY OF BILL

Filed on 10:30 o'clock A.M.

ON JUN 12 1964

R. E. BLOM

Fee: $ 2.00 pd.
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<th>Remarks</th>
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<td>Winn J. Schutz</td>
<td>GW4</td>
<td>306024</td>
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<td>Lew Schutz</td>
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<td>GW4</td>
<td>377012</td>
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<td>Alvin J. Schopf</td>
<td>GW4</td>
<td>396052</td>
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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Edward J. Hansen
(Name of Appropriator)

Big Sandy
(Address)

County of

State of

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

3. Date or approximate date of earlier beneficial use, and how continuous the use has been: Used since 1913

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Dig well 1913

8. The depth of water table: 10 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 x 11 x 20

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: None

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: Edward J. Hansen
Date: 4/3/63

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 Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at 11 o'clock A.M.

ON MAY 8, 1963

PAY $2.00 Pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Floyd K. Hansen of Box 129, House

County of Hill 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: Stock Water Use

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Dug well 1913

8. The depth of water table: 10 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 depth 14'4" X H X 20'

10. The estimated amount of groundwater withdrawn each year: 300000 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: 200 pp

Signature of Owner: Floyd K. Hansen
Date: 1/29/63

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 Appropirator.
FLOYD K. HANSEN

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA

COUNTY OF HILL

Filed at 12:00 o'clock p.m.

ON the 3rd day of January, 1963

PROOF: $2.00 pd.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Alvin J. Schafner
   of Simpson Pt., Box 74
   (Name of Appropriator) (Address) (Town)
   County of Hall
   State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1952, as follows:

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

   3. Date or approximate date of earliest beneficial use and how continuous the use has been
      Oct 1, 1954

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

   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
      Natural Flow

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Sept 30, 1954
      (Well(s) completed Oct 1, 1954)

   8. The depth of water table
      5 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
      8 ft. depth

   10. The estimated amount of groundwater withdrawn each year
      100.00 Gals

   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: Alvin J. Schafner
   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; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
396954

ALVIN T. JONES

TO

THE PUBLIC

DECLARATION OF VISED GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL,

FILED AT 11:00 O'CLOCK A.M.
ON ___________ 1963

COUNTY CLERK

FEE: 2.00 PDS.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(State of Montana)

(Name of Appropriator)

County of

State of

Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

1. The beneficial use on which the claim is based:
   
2. The date or approximate date of earliest beneficial use; and how continuous the use has been:
   
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 date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   
7. The depth of water table:
   
8. The depth of each well:
   
9. Any 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:
   
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 & Recorder of the County in which the well is located.

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SC STATE, OTHERWISE THE FORM WILL BE RETURNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
397013

SAW SHAGGER

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF BILL

filed on

ON TUES 30 1963

RECEIVED

RE: $2,00 pd.
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] of [Address], County of [County], State of [State], have appropriated groundwater according to the Montana laws in effect prior to Jan. 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 & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
DECLARATION OF CONVEYEE

STATE OF MONTANA
COUNTY OF HILL
Filed on 12 o'clock m.

ON DECEMBER 30, 1963

By

FEE: $2.00 paid.
ERNEST O. LEE, DRILLING
1200 3rd Street Havre

WATER WELL LOG

Owner: Sam Shrauger
Address: Havre, Montana

Driller: Herb Freier
Address: 291 N State St., Havre

Date Started: November 3, 1961
Date Completed: November 14, 1961

Location: Sec. 18, T. 35 N, R. 16 1/4 sec. NE 1/4 of Section 18

Type of well: Drilled
Equipment used: Churn Drill

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

Industrial [ ] Drainage [ ] Other: [ ]

Casing: 61 ft. to 61 ft. Type: Steel seamless Size: 7"

Perforated or Screened: 37 ft. to 38 1/2 ft. Type: Perforations

Static Water level, for non-flowing well: 25 feet

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

Pumping water level: 35 feet at 6 gal. per min.

How tested: 5" Cylinder Pump

Length of test: 1 hour

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

Quicksand shut off—Drilled to 208'—Dry hole. Shut off casing pulled out. Quicksand and gravel vein opened up as it sluffed into hole and yields from 3/4 gal. per min. upwards to 40 gal. per min. were measured. Casing perforated at quicksand and gravel vein and casing set at 61' level for reservoir and settling basin.

Sam Shrauger
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<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tr>
<td>0 - 37</td>
<td>Sandy Brown Clay</td>
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<tr>
<td>37 - 42</td>
<td>Gravel—Quick sand—Water—Approx. 3/4 g.p. per min.</td>
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<tr>
<td>42 - 61</td>
<td>Grey Shale</td>
</tr>
<tr>
<td>61 - 70</td>
<td>Grey Shale</td>
</tr>
<tr>
<td>70 - 71</td>
<td>Hard Grey Shell</td>
</tr>
<tr>
<td>71 - 90</td>
<td>Grey Shale</td>
</tr>
<tr>
<td>90 - 91</td>
<td>Hard Grey Shell</td>
</tr>
<tr>
<td>91 - 132</td>
<td>Grey Shale</td>
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<tr>
<td>132 - 133</td>
<td>Hard Grey Shell</td>
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<td>133 - 200</td>
<td>Grey Shale</td>
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<tr>
<td>200 - 205</td>
<td>Bentonite</td>
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<tr>
<td>260 - 264</td>
<td>Bentonite</td>
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<td>264 - 288</td>
<td>Grey Shale</td>
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DOCUMENT NO. 366232

SAM SHARAUGER

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA, ss.
COUNTY OF HILL
Filed at 10:00 o'clock A.M.
ON NOV 15 1961

O. C. YEON
COUNTY CLERK

By [Signature]
DEPUTY

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<tr>
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<td>268</td>
<td>Grey Shale</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Declaring Party:

Dwain J. Schaefer

Address: S. 700th St., Box 144

Town: Hill

County: [Fill in]

State: Montana

I declare that 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:
   * House and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   * May 20, 1952

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   * May 15, 1952

8. The depth of water table:
   * 70 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:
   * 6-in. Casing 140 ft depth

10. The estimated amount of groundwater withdrawn each year:
    * 100,000 Gals

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:

Dwain J. Schaefer

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; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
396953

To the Public

Declaration of Water Rights

State of Montana
County of Hill
Filed: 3-8-1953

Fee: $2.00 paid.
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<th>Remarks</th>
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<td>13</td>
<td>Ray J. Hutchison</td>
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<td>Ray J. Hofman</td>
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<td>Ray J. Johnson</td>
<td>Cw. 4</td>
<td>393-234</td>
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<td>24</td>
<td>Robert L. Lewis</td>
<td>Cw. 4</td>
<td>222-700</td>
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9. McDade, Dean, Cw. 4, 396473
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 257 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner: Dean McFadden  Address: Inverness, Mont.

Contractor (If any): Paul Johnson

Address of Contractor: Jplla, Mont.

Date Started: 11/18/60  Date Completed: 12/28/60

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.  Irrigation reservoir: average depth 12 ft.

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: 3 acre feet, estimated by Soil Conservation Service. Used approximately four months per annum.

Signature of Owner: Dean McFadden

Date: 12/2/62

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.