DECLARATION OF VESTED GRUMMAGER RIGHTS

STATE OF MONTANA

COUNTY OF WILLIAMSON

The Public

DATE: 7-30-93

BRUCE KELLY

STREET: PO PL.

FEE: $2.00 pd.

X

X

X

X

DECLARATION

and that the

herein

since

the

hereby

X

herein

WHEREAS,

in Section 2-73-231, Revised Volume

Above referred to as

Electors' Names

397063
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fritz Saber, of Havre, Hill County, 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... well...

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been... October, 1957... continuous use...

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of 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... October, 1957...

   8. The depth of water table... 120 ft...

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

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 The estimated amount of groundwater withdrawn each year... 50,000 gal.

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

   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... 12/30/62

---

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 Approptrator.
397104
FRITZ NAGER
TO
THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL
Filed at [location].
ON DEC. 1, 1993

PENNIS
COUNTY OFFICE

(SEE: $2.00 pd.)
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fritz Naber

   (Name of Appropriator)

   of No. Side

   Havre

   (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. Well

   - 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October 1953; continuous use to date

   - 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 15 g.p.m.

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

   - 6. The means of withdrawing the 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. October 1953

   - 8. The depth of water table. 180 ft.

   - 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well, 3" casing, 120 ft. deep

   - 10. The estimated amount of groundwater withdrawn each year. 50,000 gal.

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

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

   Signature of Owner: Fritz Naber

   Date: 12/30/63

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

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

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

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 11 o'clock A.M.
On __________ 19__

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

1. Name of Appropriate __________________________ 
   Address __________________________ 
   County __________________________ 
   State 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. Each small square represents 10 acres.

   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 Appropriate.
STATE OF MONTANA
COUNTY OF HILL
Filed at 10 o'clock A.M.
3 L. 1963
COUNTY CLERK

PERM. 2.00 pd.
<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>17</td>
<td>Volker E. Paulson</td>
<td>GW 3</td>
<td>925314</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>L. M. Kaye</td>
<td>GW 2</td>
<td>920633</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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.

Owner: WALTER E. PAULSEN
Address: Chinook, Montana
Contractor (If any): Self, assisted by SCS
Address of Contractor: 
Date Started: 9-1-71 Date Completed: 9-5-71

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drain, etc.): Developed spring.
   by perforated gathering pipe, and stock water tank.

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

3. Depth of water table: Surface.

4. Use of the water: Stockwater.

5. Amount of groundwater claimed (in miner's inches or gallons per minute): 2 gal. per min. continuous flow.

6. If used for irrigation, give number of acres and description of land: Not applicable.

7. Estimate amount of water used each year: 1,051,200 gal.

8. Months of year spring flows: 12.

Signature of Owner: WALTER E. PAULSEN
Date: July 18, 1972

File: 425314
August 9, 1972 11:30 a.m.

GW 1

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated: Not known.
425314

WALTER E. PAULSON

TO

THE PUBLIC

WATER WELL

STATE OF MONTANA
COUNTY OF HILL
Filed on 11/30/1972 in book A

AUG 9 1972
R. E. Bloom COUNTY CLERK

Fee: $2.00 pd.

INDEXED
FILE NO. 

DUPLICATE

Top of Ground

- (Elev. above sea level ______)
- 0 top soil
- 47 brown clay
- 87 blue clay
- 89 gravel and oter

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lee Kraft Address: Havre, Montana

Driller: Simpson Drilling Co. Address: Malta, Montana

Date of Notice of appropriation of ground water

Date well started: Aug. 7, 1964, Date completed: Aug. 14, 1964

Type of well: Drilled Equipment used: Cable tools

(dug, driven, bored 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>Date of Notice of Appropriation</th>
<th>Date Well Started</th>
<th>Date Completed</th>
<th>Type of Well</th>
<th>Equipment Used</th>
<th>Water Use</th>
</tr>
</thead>
</table>

Static Water Level for non-flowing well

43 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 50 feet

Discharge in gal. per min. of flowing well

15 gal. per minute.

How Tested: bailer

Length of Test: 2 hours

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

License Number

Driller's License Number

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

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

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

Show exact depth of bottom.

Driller's Signature

38 S 38
NOTICE OF CONVESSION
OF CHANNEL WATER APPROPRIATION BY MEANS OF
SEWER

STATE OF CALIFORNIA
COUNTY OF HILL
Filed at ___ o'clock AM
ON ___, 1964

[Signature]
COUNTY CLERK

Fees: $2.00
<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>3</td>
<td>J. M. Faller</td>
<td>GW-4</td>
<td>386702</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Nenad Jankovic</td>
<td>GW-4</td>
<td>396573</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>John J. Cekler</td>
<td>GW-4</td>
<td>396207</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Max M. Kostic</td>
<td>GW-4</td>
<td>396457</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Joe Mangleski</td>
<td>GW-4</td>
<td>396900</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Paul J. Kostic</td>
<td>GW-4</td>
<td>396734</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>A. J. Jankovic</td>
<td>GW-4</td>
<td>393221</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Max M. Mangleski</td>
<td>GW-4</td>
<td>395829</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>John J. Mangleski</td>
<td>GW-4</td>
<td>396703</td>
<td></td>
</tr>
</tbody>
</table>

*Groundwater Index*
DEPARTMENT OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. 

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>HILL</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 8/10/1956

4. The amount of groundwater claimed (in miner's 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: not suitable for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 10th, 1956

8. The depth of water table: 125 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: 6 inch drilled well, 325 feet deep

10. The estimated amount of groundwater withdrawn each year: 400,000 gallons per year

11. The log of formations encountered in the drilling of each well if available: do not know if this information is 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: do not know if there is a record of well

Signature of Owner: Ernest Jensen
Date: December 20th, 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.
396703

EXHIBIT J

TO

THE PUBLIC

DECLARATION OF VASTED GROUND

WATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL

Filed at 8 o'clock A.M.

ON 232 1963

R. E. Blom

COUNTY CLERK

Fee: $2.00 pd.
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Myra Falla</td>
</tr>
<tr>
<td>Driller</td>
<td>Charles Anderson</td>
</tr>
<tr>
<td>Date Started</td>
<td>Sept 5 1957</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Sept 11 1957</td>
</tr>
<tr>
<td>Location Sec T R Sec</td>
<td>3 32 8</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled cable stock</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing: 0 ft to 175 ft Type</td>
<td>galvanized</td>
</tr>
<tr>
<td>Casing: 175 ft to 190 ft Type</td>
<td>ST 12</td>
</tr>
<tr>
<td>Perforated or Screened: 175 ft to 190 ft</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb/sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level: 10.8 feet at</td>
<td>gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Drilling</td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0 - 5.5</td>
<td>Surface soil</td>
</tr>
<tr>
<td>5.5 - 110</td>
<td>Blue gray clay</td>
</tr>
<tr>
<td>110 - 160</td>
<td>Gray clay gravel</td>
</tr>
<tr>
<td>160 - 180</td>
<td>Brown shale loam</td>
</tr>
<tr>
<td>180 - 190</td>
<td>Gray sand, water</td>
</tr>
</tbody>
</table>

F. D. Talbot
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

"Perry Stevenson"
of Box 42


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, mills, farm water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 10-12-61, steady.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 12 gal a 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: 10-12-61.

8. The depth of water table: 28 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: 280 ft deep, 4½ casing.

10. The estimated amount of groundwater withdrawn each year: 254400.

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

25-12-5: Yellow Clay

12-5: Blue Clay

12-4: Sand and Rock

85-1: Water

206-2:4: Blue Clay (water)

26-7:3: Shale

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

Signature of Owner: Perry Stevenson

Date: 9-15-1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
DOCUMENT NO. 386977

TERRY STEVENSON

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA

COUNTY OF MILL

Filed at 1:20 o'clock E.M.

ON JAN 15 1962

G.C. YEON COUNTY CLERK

By

DEPUTY

FEE $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)

(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. ___________________________

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.
396855

HENRY HANSON

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA,

CITY OF BILLINGS,

DEPARTMENT OF WATER

FEE: $2.00 pd.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based is for domestic, garden and livestock use.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1910.

8. The depth of water table. 100 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 inch hole - 8 inch casing - 2 inch pipe.

10. The estimated amount of groundwater withdrawn each year. 300,000 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. None available.

Signature of Owner: Sam Olson

Date: Dec. 12, 1933

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.
396666

AND SLOW

THE PUBLIC

EXPLANATION OF VIATED GROUND

AFTER HEARSAY

H. E. Blom

Feet $2.70 pd.
STATE OF MONTANA

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

County of: Hill

State of: Montana

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

1. Frank Joseph Black
   (Name of Appropriator)
   of: Sec. 763
   (Address)
   (Town)

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) cannot be pumped dry.

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: Plain deep water pump.

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

8. The depth of water table: Unknown.

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: Approximately 300 feet.

10. The estimated amount of groundwater withdrawn each year: Unknown.

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: Frank Joseph Black

Date: Sec. 241, 163.

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.
396853
FRANK JOSEPH HECK
TO
THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL
Filing Date: 11:00 AM
ON 1-10-1963

FEE: $2.00 paid.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. (Name of Appropriator), of (Address), of (Town), 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 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.
397078

LEON MANGOLD

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA

COUNTY OF HILL

Filed at o'clock A.M.

ON DEC. 2, 1963

2.00 pd.
Notice of Completion of Groundwater Appropriation Without Well

(Refer to Chapter 967 Montana Session Laws, 1961)
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: May 25, 1965
Arnold H. Olson, Great Falls, Montana
Owner: Marguerite E. Alley
Address: Cut Bank, Montana

Contractor (if any): Bert W. Alley
Address of Contractor: Joplin, Montana

Date Started: 1/1/64
Date Completed: 1/1/65

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes": Include depth to water when applicable. Seasonal surface runoff is diverted from an unnamed coulee at a point in SW 1/4 NW 1/4 into a man-made diversion ditch and at appropriate intervals is diverted into fields by headgates and excess water is re-diverted to the same method. Maximum holding depth: 18 inches.

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. The quantity of water will be governed by natural precipitation and seasonal runoff. Same will be allowed to stand until the land covered is saturated to a depth suitable for the crop being raised. Each flooding will take a maximum of 80 acre feet and if water available area will be flooded 3 times per growing season.

Signature of Owner: Marguerite E. Alley
Date: May 24, 1965

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Doc., No. 403237

ARNOLD H. OLSON

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION WITHOUT WELL

STATE OF MONTANA,
COUNTY OF HILL

MAY 25, 1965

FEE: $2.00 pd.
# Declaration of Vested Groundwater Rights

**State of Montana**  
**Administrator of Groundwater Code**  
**Office of State Engineer**

*Under Chapter 237, Montana Session Laws, 1961*

## 1. **Joe Hangold**, of Box 773, Inverness, State of Montana

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

<table>
<thead>
<tr>
<th>N. E.</th>
<th>S. E.</th>
<th>S. W.</th>
<th>W.</th>
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<tbody>
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</tr>
</tbody>
</table>

- **2.** The beneficial use on which the claim is based: stock spraying, household

- **3.** Date or approximate date of earliest beneficial use; and how continuous the use has been: 1938 for stock spraying, and household

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

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

- **7.** The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: about 1910

- **8.** The depth of water table: 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 the withdrawal of groundwater: 6 inch, 150 feet deep drilled

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

---

**Signature of Owner:** Joe Hangold  
**Date:** Dec. 24, 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, in
COUNTY OF HILL
Filed at 9 o'clock A.M.
ON


PETITION FOR

PETITIONER

PETITION FILED: 12:00 p.m.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Frank Joseph Fack
1. of Box 763 Inverness (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: domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. One well in 1943—not fit for human use, used for stock and poultry only, continuously. One well in 1955—deep well for household use continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1943 well—cannot be pumped dry. 1955 well—five gallons per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Deep well, November, 1955. Other well, June, 1943.


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. Deep well, November, 1955—this well is 303 feet deep. Five gallons per minute, June, 1943. This well is 165 feet deep cannot be pumped dry—fit for human use.

10. The estimated amount of groundwater withdrawn each year. Never estimated the use.

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 Frank Fack

Date: Dec 26, 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.
Frank Joseph Heck

To

The Public

Declaration of Visited Groundwater Rights

[Signature]

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

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

1. Norman E. Knutson
   of Box 291
   Bynard
   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: Live stock, household use, 69%

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Almost every day since 1926

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

   5. If used for irrigation, give the acreage and description of the land to which water has been applied: None

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1-1915 to 1948 2-1948

   8. The depth of water table: 1-50 Feet 2-5 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: 1-6 inch casing 120 feet deep 2-6 inch casing 20 feet deep

   10. The estimated amount of groundwater withdrawn each year: 1-45,000 Gal. 2-500 Gallons

   11. The log of formations encountered in the drilling of each well is 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: ____________________________
   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.
NORMAN E. KIRKTON

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA, ss.
COUNTY OF HILL

Filed at 2 o'clock A.M.

ON the 2nd day of 1953

[Signature]
COUNTY CLERK

FEE: $2.00 pd.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Norman B. Knutson, of Box 291, Rudyard

County of Hill State of Montana

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
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</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **From March to Dec. every year since 1926**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): \(5\) 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: **None**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1915 to 1920**

8. The depth of water table: **50 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: **6" casing, 120' deep**

10. The estimated amount of groundwater withdrawn each year: **60,000** 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: **None**

Signature of Owner: "Norman B. Knutson"

Date: Dec. 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
397074

NORMAN E. KNUTSON

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL

Filed at Lolo, Montana

ON DEC 31 1963

for DEBT

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

1. A. B. Ternström of Box 124, Jaslin
   (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, Home - Irrigation - Livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1911 - Continuous.

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

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, Garden - Trees - Livestock.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, Electric Motor - Pipe with Rod + Cylinder.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, 1911.

8. The depth of water table, 16.5 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, 1 inch hole - metal casing.

10. The estimated amount of groundwater withdrawn each year, 200,000 gallons.

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

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, Nona.

Signature of Owner, A. B. Ternström
Date, May 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.
DECLARATION OF VESTED GROUND-WATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL
Filed at 1:58 clock A.M.
ON MAY 21 1963
H. 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
(Under Chapter 237, Montana Session Laws, 1961)

1. Joe Mangold
   (Name of Appropriator)
   of Box 773
   (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: No. 1 stock
   No. 2 spraying, household and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1933 for stock, No. 2 1961.
   for spraying, irrigation and drinking, or household.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): No. 1 approximately 5 gallons per
   minute, No. 2 1 gallon 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.
   about 1/4 acre garden, Joe Mangold.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   No. 1 Windmill, No. 2 gas motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   No. 1 about 1910, No. 2 1961.

8. The depth of water table:
   No. 1 70 feet, No. 2 14 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:
   No. 1 6 inch 150 feet drilled, No. 2 4 feet 27 feet deep dug.

10. The estimated amount of groundwater withdrawn each year:
    No. 1 none at present, No. 2 10,000.

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: Joe Mangold
Date Dec. 24, 1962

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

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

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

TO

THE PUBLIC

DECLARATION OF WATER GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 9:00 o'clock a.m.
ON December 30, 1963

FEE: $2.00 paid
<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>
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<tbody>
<tr>
<td>2</td>
<td>Arthur W. Magoun</td>
<td>G04</td>
<td>39-2473</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>K. J. Renick</td>
<td>1056</td>
<td>36-9447</td>
<td></td>
</tr>
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<td>2</td>
<td>Hill County</td>
<td>G04</td>
<td>39-2473</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Norman L. Knutson</td>
<td>G04</td>
<td>39-2575</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Arthur J. Magoun</td>
<td>G04</td>
<td>39-2476</td>
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</tr>
<tr>
<td>4</td>
<td>John E. East</td>
<td>G04</td>
<td>39-2508</td>
<td></td>
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<td>6</td>
<td>William R. Hilly</td>
<td>G04</td>
<td>39-2497</td>
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<td>10</td>
<td>William E. Groff</td>
<td>G04</td>
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<td>38N 8E</td>
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<td>Arthur J. Magoun</td>
<td>G04</td>
<td>39-2497</td>
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<tr>
<td>12</td>
<td>Mildred H. Lane</td>
<td>G04</td>
<td>39-2497</td>
<td></td>
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<td>13</td>
<td>William E. Groff</td>
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<td>32</td>
<td>Philip Woodford</td>
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<td>2</td>
<td>Jacqueline Bjell</td>
<td>5765534</td>
<td></td>
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</tr>
<tr>
<td>3</td>
<td>Marguerite P. Lane</td>
<td>H04</td>
<td>397014</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur M. Magnuson, of Endyard, State of

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, site 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.
396973

TO

THE PUBLIC

DECLARATION OF FORFEITURE

DATE OF MOTION:
COUNTY OF DALL

FILE NO.

3-3-1963

CONFIRMED

FINDING: 2.00 PDS.
# Water Well Log

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Location:** Sec. __, T. __, R. __, M. __

---

### Type of Well

- [ ] Dug
- [ ] Driven
- [ ] Bond
- [ ] Drilled
- [ ] Cased (Driven, bored, or drilled)

### Equipment Used

- [ ] Chisel drill, rotary, other

### Water Use

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

### Casing

- [ ] ft. to [ ] ft. Type: [ ]

### Perforated or Screened

- [ ] Ft. to [ ] Ft.

### Type of Screen or Perforations

### Static Water Level

- For non-flowing well: [ ] ft.

### Shut-In Pressure

- For flowing well: [ ] lb/sq. in. on: [ ]

### Pumping Water Level

- feet at: [ ] gal. per min.

### How Tested

### Length of Test

### Remarks

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

---

(over)
<table>
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<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0 - 10</td>
<td>Sandstone</td>
</tr>
<tr>
<td>10 - 20</td>
<td>Clayey Sand</td>
</tr>
<tr>
<td>20 - 30</td>
<td>Silt</td>
</tr>
<tr>
<td>30 - 40</td>
<td>Clay</td>
</tr>
<tr>
<td>40 - 50</td>
<td>Clayey Silt</td>
</tr>
<tr>
<td>50 - 60</td>
<td>Clayey Loam</td>
</tr>
<tr>
<td>60 - 70</td>
<td>Sand</td>
</tr>
<tr>
<td>70 - 80</td>
<td>Sandstone</td>
</tr>
<tr>
<td>80 - 90</td>
<td>Clayey Sand</td>
</tr>
<tr>
<td>90 - 100</td>
<td>Silt</td>
</tr>
<tr>
<td>100 -</td>
<td>Sand</td>
</tr>
</tbody>
</table>
DOCUMENT NO. 365116

R.I. McCUTCHEON

TO

THE PUBLIC

WATER WELL LOG

DATE OF MONTANA, COUNTY OF BILL. 1958

Filed May 28th 1958

'3.1300 O'clock M.

O. C. VON
COUNTY CLERK

sh
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

<table>
<thead>
<tr>
<th>N</th>
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</tbody>
</table>

2. The beneficial use on which the claim is based is **general town** use for an unincorporated town.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: #1 Well = prior to 1920, #2 Well 1951, and #3 Well 1956 = Continually.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **20 G.P.M.**

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 is **pump and electric motor**.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater is **same as No. 3 above**.

8. The depth of water table: #1 Well is 100' and the other two are 400'.

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 are: #1 = 500', #2 = 1000', #3 = 1500'.

10. The estimated amount of groundwater withdrawn each year: #1 = 1 million gal., #2 = 5 million gal., #3 = 5 million gal.

11. The log of formations encountered in the drilling of each well if available is **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 operated as a rural special improvement district in an unincorporated town.

**Hill County, Montana**

Signature of Owner: __________________________

Date: 12-20-1963

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 Appropriator.
HILL CREEK

TO

THE PUBLIC

RENTAL OF WOODED GROUND
WATER RIGHTS

STATE OF MONTANA,

COUNTY OF HILL

Filed at 11 o'clock P.M.

ON DECEMBER 20, 1963

R. E. HIGGS
COUNTY CLERK

Fee: None
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Declaration form with details filled in]

Signature of Owner: [Signature]
Date: Dec 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
NORMAN E. KNUTSON

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL,
FILLED at 8 o'clock a.m.
ON DECEMBER 1963

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

1. Arthur M. Magnusson, of Ridyard
   (Name of Appropriator)  
   Hill (Address)  
   Montana (Town)  
   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: Household stock, agronomy

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: October 1941 (Continuous use)

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Drilled in September of 1960

   8. The depth of water table: 60 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: Semi-Casing 150 feet deep

   10. The estimated amount of groundwater withdrawn each year: 35,000 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: More available

   Signature of Owner: Arthur M. Magnusson
   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.
396975

ARTHUR H. MACNISON

TO

THE PUBLIC

DECLARATION OF VESTED
OWNEDWATER RIGHTS

STATE OF \_
COUNTY OF \_

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FEE: $2.00 pd.
**WATER WELL LOG**

**Owner:** Russell J. Jackson  
**Address:** Butte, Mont.

**Driller:** O. A. Hagg  
**Address:** Planned

**Date Started:** Oct. 1947  
**Date Completed:** Oct. 1947

**Location:** Sec. 3 T. 32 N R. 9 E  
**Block:** 1

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Chis.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other Water Uses &amp; Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Casing:**  
- Top: ft. to 12 ft.  
- Type: Galvanized  
- Size:  

**Casing:**  
- Top: ft. to 40 ft.  
- Type:  
- Size:  

**Perforated or Screened:**  
- Top: ft. to ft.  
- Bottom: ft. to ft.  
- Type: Punched Casing

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

**Shut-in pressure, for flowing well:** lb./sq. in. on: (psi)

**Pumping water level:** feet at gal. per min. m gal.

**How tested:** Slough bucket  
**Submersible Pump 44 ft. - min.

**Length of test:** Several hours, pump ran  
**Remarks:**
- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

**Remarks:** (over)

**Remarks:**

Russell J. Jackson
<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>Mr. W. took the steamer direct north</td>
<td></td>
</tr>
<tr>
<td>for seven days at the Charity Hospital</td>
<td></td>
</tr>
<tr>
<td>as I knew no way of knowing the log on the 4th of the month</td>
<td></td>
</tr>
<tr>
<td>When given you have it on</td>
<td></td>
</tr>
<tr>
<td>case as I have remembrances from</td>
<td></td>
</tr>
<tr>
<td>what I saw I helped them do</td>
<td></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. Mario Largel
   (Name of Appropriator)
   of Butte, MT
   (Address)
   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.
   December 1, 1954 - Which is still in effect as of this date.

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

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

8. The depth of water table.
   30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Slick casing. 1/20 ft. dup.

10. The estimated amount of groundwater withdrawn each year.
    200 gal a day.

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

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: 12-30-68

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.
397016

DUAINE C. LANGEL

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF WYOMING,
COUNTY OF REL.
Filed on ___________________.
On ______________, 1983

FEE: $2.00 pd.