DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Hubert L. Simms, of Montana

County of Phillips, State of Montana

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

1. **Name of Approporator**
2. **Address**
3. **Town**


4. The amount of groundwater claimed (in millions of inches or gallons per minute) 1.5 gal per min

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


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


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 The estimated amount of groundwater withdrawn each year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

1. One copy is 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 Approporator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   #1 1950
   #2 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   #1 8701 ft. + Min.
   #2 8

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:

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:
   #1 1950
   #2 1950

8. The depth of water table:
   #2 60'

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 Drilled 12 ft. 16 foot
   #2 11' 12 ft. 35 foot deep

10. The estimated amount of groundwater withdrawn each year:
    125,000 gal

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

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

Signature of Owner:

Date: 12/27/63

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

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

Owner: Glen Williamson
Address: Dodson, Montana

Driller: Simpson Drilling Co.
Address: Malta, Montana

Date of Notice of appropriation of ground water

Date well started: Dec. 4, 1965
Date Completed: Dec. 7, 1965

Type of well: drilled
Equipment used: churn (dug, driven, bored or drilled)
Water use: Domestic

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.

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well
Pumping Water Level
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)

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

August A. Boes
(Name of Appropriator) of Wagner
(Address) (Town)
County of Phillips 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 and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1958 continuous

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 12 gal. per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Fall 1958 Oct. 5 – Oct. 31, 1958

8. The depth of water table: 36 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, 100 ft.; 7 in. steel casing.
   390 ft. deep

10. The estimated amount of groundwater withdrawn each year: 900,000 gallons

11. The log of formations encountered in the drilling of each well if available:
   D-3 top soil 3-4 ft. sandy yellow clay, 40-60 dry gravel, 60-84 sandy blue & yellow clay, 64-75 bentonite clay 93-90 blue clay, 80-98 Hard pan, 98-103 gray shale and dry gravel, 103-122 light gray shale, 152-171 sandstone dry, 171-218 light gray shale 218-230 b.own shale & sandstone (dry) 231-271 sandstone dry.

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

Signature of Owner: August A. Boes
Date: Jan. 16, 1964

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

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

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

Filed for Record this 16th day 
of June, A.D. 1864, 3:00 
o'clock P.M., and duly recorded in book 

[Signature]

By: 
For: 
Return:
# MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

## WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>(Down, driven, bored, or drilled)</th>
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<tr>
<th>Water use</th>
<th>Domestic □</th>
<th>Municipal □</th>
<th>Stock □</th>
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<td>Irrigation □</td>
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<th>Casing:</th>
<th>ft. to 142 ft.</th>
<th>Type</th>
<th>Size: 7&quot;</th>
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<tbody>
<tr>
<td>Casing:</td>
<td>ft. to 290 ft.</td>
<td>Type</td>
<td>Site: 6&quot;</td>
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</table>

- Perforated or Screened: 1/2 ft. to ft.
- Type of screen or perforations: Teflon with teflon.

- Static Water level, for non-flowing well: 21.5 feet.

- Shut-in pressure, for flowing well: 27.5 lb./sq. in. on: (date)

- Pumping water level: 27.5 feet at 6 gal. per min.

- How tested: Daily.

- Length of test: 2 hrs.

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

  Rubber packers set on top of pipe and at pipes over top.

  (over)
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<tr>
<th>Depth (ft)</th>
<th>Description</th>
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<tr>
<td>103</td>
<td>Light Gray Shale</td>
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<tr>
<td>152</td>
<td>Light Sandstone (dry)</td>
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<tr>
<td>171</td>
<td>Light Gray Shale</td>
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<tr>
<td>218</td>
<td>Brown Shale (dry)</td>
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<tr>
<td>231</td>
<td>Light Sandstone (dry)</td>
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<tr>
<td>271</td>
<td>Light Gray Shale</td>
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<tr>
<td>280</td>
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<td>325</td>
<td>Sandstone (dry)</td>
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<td>335</td>
<td>Brown Shale</td>
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<td>350</td>
<td>Sandstone (Shale)</td>
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## Log of Well

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<td>360</td>
<td>390</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)  

STATE ENGINEER  

1. Lucille Williamson  
   (Name of Appropriator)  
   County of Phillips  
   State of Montana  
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   Stock  

2. The beneficial use on which the claim is based. 
   1. Stock  
   2. Stock  
   3. Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 
   1. 1956  
   2. 1956  
   3. 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 
   1. 5 gals. per min.  
   2. 1 gals. per min.  
   3. 1 gals. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 
   1. 4 acres for garden from No. 1.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 
   1. Gas engine and pump  
   2. Electric pumps  
   3. Pressure system and electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 
   1. November, 1956  
   2. December, 1956  
   3. Fall, 1940

8. The depth of water table. 
   1. 300 ft.  
   2. 17 ft. each

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. Drilled 100 ft., 7 ft. diameter, 300 ft. deep  
   2. Hand dug 6 ft., diameter wood casing, 22 ft. deep  
   3. Hand dug 4 ft., diameter cement wood casing 22 ft. deep

10. The estimated amount of groundwater withdrawn each year. 
   1. 300,000 gallons  
   2. 200,000 gal.  
   3. 100,000 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.

Signature of Owner:  

Lucille Williamson  

Date: December 12, 1963

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

Please answer all questions. If not applicable, 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.

12/4/63
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

George Young
(Name of Appropriator)

of
(Address)

Malta
(Town)

County of Phillips
(State of Montana)

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

1. The point of appropriation (in miner's inches or gallons per minute)

2. The beneficial use on which the claim is based, Domestic and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1945 continuous

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

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

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, July 1945

8. The depth of water table 90 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 1,200,000 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

Signature of Owner

Date December 23, 1963

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

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

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

Filed for record this 23rd day of Dec. A.D. 1963, at 2:30 
o'clock P.M., and duly recorded in book 
236532 of
Recorder of Deeds

Rosalie Z. Melnyk
County Recorder

File No. 672

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

O. E. Wuestrom
(Name of Appropriator)
(Town)
County of Phillips
(State of Montana)

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

1. Name of Appropriator: O. E. Wuestrom
2. Address: Wagner
3. The beneficial use on which the claim is based: stock water
4. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1943
5. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 gpm
6. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1943
8. The depth of water table: 15'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: dug well; 3' sq. wooden culvert; 16' deep
10. The estimated amount of groundwater withdrawn each year: 800 gallons per day, 30 days
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: O. E. Wuestrom
Date: November 18th, 1963

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

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

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

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

EDWIN J. SCHOUTEN
of Wagner
County of Philips
State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 3, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1954

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

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

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

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

8. The depth of water table: 40' 1

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

10. The estimated amount of groundwater withdrawn each year: 300,000 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: Edwin J. Schouten
Date: November 26th, 1963.

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

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

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

Filed for record this 27th day of July, A. D. 1963, at 1:35 P.M., and duly recorded in book...

[Signature]
County Recorder

By: [Signature] County Recorder

Filed: 7-27-63

Return: [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

EDWIN J. SCHNEIDER
(Name of Appropriator)

MONTANA (State)

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

1. The beneficial use on which the claim is based:
   stock water and domestic.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1925.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 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 date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1925.

7. The depth of water table: 26'.

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   dug - wood concrete curbing 3 X 3 26' deep.

9. The estimated amount of groundwater withdrawn each year: 800 gallons 10 days per year.

10. The log of formations encountered in the drilling of each well if available: not available.

11. 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: Charles L. Johnson
Date: November 18, 1963.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Recorded in book.

State of Montana,

County of Phillips,

Filed for Record this 13th day
of November, A.D. 1965.

Successfully recorded in book by

[Signature]

Of

Phillips County Recorder

By

[Signature]

Return...
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<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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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1963)

1. W. E. Simms, of Malta, County of Phillips, State of Montana

No. 1

No. 2

No. 3


2. The beneficial use on which the claim is based: House and Stockwater both 1 and 2. No. 3 stockwater

3. Date or approximate date of earliest beneficial use: and how continuous the use has been. All 3 in 1910 all the time

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 gal per min to each

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

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

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

8. The depth of water table: 40 ft. both also 3

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 1. about 4 ft in diameter and 40 ft deep each, hand dug; concrete and sandstone curbing. 2. Walled tile, hand dug 40 ft deep.

10. The estimated amount of groundwater withdrawn each year: 513,000 gal each

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

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/S. W. E. Simms
Date: Dec 31--1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Min. 16047
237075

Phillip's Co.
Filed 12-31-63.
at 11:18 A.M.
Fee $2.00.

R.W. Maloney
Court Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Hubert L. Simms
County of Phillips
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: 1943 continuing.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 gal. per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1943.

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: Drilled fan drill casing 180 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 900,000 gallons.

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: Hubert L. Simms
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 Appropiator.
WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used (Dug, driven, bored, or drilled)</th>
<th>Churn drill, rotary, other</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing: 0 ft. to 51 ft.</td>
<td>Type: 0.02</td>
<td>Size: Lynch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing: 51 ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened: Ft.</td>
<td>43 to 51</td>
<td>Ft. to ft. 51 to</td>
<td>Type: Lynch</td>
<td>Size: Lynch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>17</td>
<td>feet</td>
<td>Shut-in pressure, for flowing well</td>
<td>lb/sq. in. on:</td>
<td>(date)</td>
<td>Pumping water level</td>
<td>33</td>
<td>feet at</td>
<td>7</td>
<td>gal. per min</td>
</tr>
</tbody>
</table>

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 To 4</td>
<td>Top soil</td>
</tr>
<tr>
<td>From 4 To 14</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>From 14 To 23</td>
<td>Gravel</td>
</tr>
<tr>
<td>From 23 To 26</td>
<td>Loose rocks</td>
</tr>
<tr>
<td>From 26 To 40</td>
<td>Sand + gravel</td>
</tr>
<tr>
<td>From 40 To 43</td>
<td>Blue clay</td>
</tr>
<tr>
<td>From 43 To 51</td>
<td>Sand</td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Floyd Davis  |  Address: Malta, Montana

Driller: Simpson Drilling Co  |  Address: Malta, Montana

Date of Notice of appropriation of ground water: Sept. 5, 1967

Date well started: Sept. 5, 1967  |  Date Completed: Sept. 8, 1967

Type of well: drilled

Equipment used: Churn

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Width of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing in hole 5/8</td>
<td>4 4 OD 1#</td>
<td>6</td>
<td>82</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well:

Shut-in Pressure for Flowing Well:

Pumping Water Level:

Discharge in gal. per minute, of flowing well:

How Tested:

Length of Test:

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

**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 School of Mines and quadruplicate for Appropriator.
Filed for Record this 7th day of May, 19__.

State of Montana,
County of Phillips.

Filed for Record this 7th day of May, 19__.

o'clock P.M. and deposited in book

By, 
Fee, 

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

1. Keith Stine
   (Name of Appropriator)  of  State of Montana
   County of Phillips
   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, Livestock, Garden, For

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1958
   Continuoust

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 1/8 Acre Garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Drilled (M. Street County) 220 feet

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1958

8. The depth of water table: 180 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: Drilled (M. Street County) 220 feet

10. The estimated amount of groundwater withdrawn each year: 876,000

11. The log of formations encountered in the drilling of each well if available: None 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: Keith Stine
   Lot: 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.
Mise. # 15 9/16

236944

Phillips Co.

Filed 12-31-63.

at 9:14 A.M.

See * 2.00

R. V. Maloney

O & Rcc.
WATER WELL LOG

Owner: [Name]
Address: [Address]
Driller: [Name]
Address: [Address]
Date Started: July 12, 1959
Date Completed: July 12, 1959
Location: Sec. 24 T. 33 R. 29 1/4 sec. NE 1/4

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

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

Casing: 1 ft. to 251 ft. Type: [ ] Size: [ ]
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]
Perforated or Screened: Ft. [ ] to Ft. [ ] Size: [ ]
Type of screen or perforations: [ ]
Static Water level, for non-flowing well: [ ] feet.
Shut-in pressure, for flowing well: [ ] lb./sq. in. on: [ ] (date)
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)
<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>1-2</td>
<td>Clay</td>
</tr>
<tr>
<td>2-11</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>11-31</td>
<td>Clay</td>
</tr>
<tr>
<td>35-40</td>
<td>Rock (26 inches)</td>
</tr>
<tr>
<td>40-49</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>49-50</td>
<td>Silt (14 inches)</td>
</tr>
<tr>
<td>50-105</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>105-115</td>
<td>Sandy clay, silt</td>
</tr>
<tr>
<td>115-126</td>
<td>Rock (5 inches)</td>
</tr>
<tr>
<td>126-128</td>
<td>Sandstone formation</td>
</tr>
<tr>
<td>128-137</td>
<td>Rock (14 inches)</td>
</tr>
<tr>
<td>137-251</td>
<td>Sandstone formation</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. Floyd W. DaVia, of Malta  
(Name of Appropriator)  
(Address)  
(Town)  

County of Phillips  
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  
June 30, 1961  
Continuously  

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  
Mechanical pump—Gasoline Engine  

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Commenced about May 15, 1961 completed June 30, 1961  

8. The depth of water table  
70 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  
Drilled 4" steel casing 173 feet deep  

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

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

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

Signature of Floyd W. DaVia  
Dec 15, 1961  

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

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

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

County of Missoula,

The day of , A.D. , in the year of our Lord , and in the.

Judge.

For .

Return.
<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>33</td>
<td>Bureau of Land Management</td>
<td>0.52</td>
<td>28-6644</td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

---

**Owner:** Bureau of Land Management  
**Address:** Malta, Montana

**Driller:** Simpson Drilling Co.  
**Address:** Malta, Montana

**Date of Notice of Appropriation of Groundwater:** Nov. 3, 1971  
**Date Well Started:** March 17, 1972

---

**Type of Well Drilled:**  
**Equipment Used:** churn & rotary

---

**Water Use:**  
- Domestic  
- Municipal  
- Stock  
- Irrigation

---

**Static Water Level for non-flowing well:** 223 feet

**Shut-In Pressure for Flowing Well:** 300 feet at 1/4 gal. per minute

**Discharge in gal. per min. of flowing well:**

---

**How Tested:**  
- bailer

---

**Length of Test:** 8

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

---

**Signed:**  
Driller's Signature

---

**Filed for record:** A.D. 1972 at 3:50 o'clock P.M.

---

**File No.**

---

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

---

**Log**

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Strata Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Brown clay</td>
</tr>
<tr>
<td>10</td>
<td>Gravel</td>
</tr>
<tr>
<td>20</td>
<td>Brown sand</td>
</tr>
<tr>
<td>30</td>
<td>Sandy brown shale</td>
</tr>
<tr>
<td>40</td>
<td>Rock layer</td>
</tr>
<tr>
<td>50</td>
<td>Gray shale</td>
</tr>
<tr>
<td>60</td>
<td>Coal</td>
</tr>
<tr>
<td>70</td>
<td>Sandy brown shale</td>
</tr>
<tr>
<td>80</td>
<td>Rock layer</td>
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<tr>
<td>90</td>
<td>Sandy brown shale</td>
</tr>
<tr>
<td>100</td>
<td>Grey shale</td>
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<tr>
<td>110</td>
<td>Sandstone</td>
</tr>
<tr>
<td>120</td>
<td>Rock layer</td>
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<tr>
<td>130</td>
<td>Sandy grey shale</td>
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<tr>
<td>140</td>
<td>Sandstone</td>
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<tr>
<td>150</td>
<td>Rock layer</td>
</tr>
<tr>
<td>160</td>
<td>Sandy grey shale</td>
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<tr>
<td>170</td>
<td>Rock layer</td>
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<tr>
<td>180</td>
<td>Sandy grey shale</td>
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<tr>
<td>190</td>
<td>Rock layer</td>
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<tr>
<td>200</td>
<td>Sandy grey shale</td>
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<tr>
<td>210</td>
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<tr>
<td>220</td>
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<td>230</td>
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<td>240</td>
<td>Sandy grey shale</td>
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<tr>
<td>250</td>
<td>Rock layer</td>
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<tr>
<td>260</td>
<td>Sandy grey shale</td>
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<tr>
<td>270</td>
<td>Rock layer</td>
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<tr>
<td>280</td>
<td>Sandy grey shale</td>
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<tr>
<td>290</td>
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<td>300</td>
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<td>310</td>
<td>Rock layer</td>
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<td>320</td>
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<td>340</td>
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<td>400</td>
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<td>410</td>
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<td>420</td>
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<tr>
<td>430</td>
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<td>440</td>
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<td>460</td>
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<td>470</td>
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<td>480</td>
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<tr>
<td>490</td>
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<td>500</td>
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<tr>
<td>510</td>
<td>Rock layer</td>
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<td>520</td>
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<tr>
<td>530</td>
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<td>Rock layer</td>
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<tr>
<td>600</td>
<td>Sandy grey shale</td>
</tr>
<tr>
<td>610</td>
<td>Rock layer</td>
</tr>
<tr>
<td>620</td>
<td>Sandy grey shale</td>
</tr>
</tbody>
</table>

---

**Diagram:**

- Static Water Level for non-flowing well
- Shut-In Pressure for Flowing Well
- Pumping Water Level

---

**Signatures:**

- Driller's License Number
- Driller's Signature

---

**Notes:**

- This form to be completed 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, one copy to be retained by driller.

- Please answer all questions. If not applicable, so state, otherwise the form will be returned.
<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>9</td>
<td>John Rottabian</td>
<td>GW2</td>
<td>255-752</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>John Rottabian</td>
<td>GW1</td>
<td>256-232</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>O.C. Ruttke</td>
<td>GW6</td>
<td>256-232</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>O.C. Ruttke</td>
<td>GW1</td>
<td>256-232</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Blue Ruttke</td>
<td>GW3</td>
<td>256-235</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Address Locality Address Sec. Montana
Driller Address State, Montana
Date of Notice of appropriation of ground water 5/26/72
Date well started 5/26/72 Date Completed 6/27/72
Type of well drilled (dug, driven, bored or Churn, drill, rotary or drilled)
Water use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling Equipment</th>
<th>From Top (Feet)</th>
<th>To Top (Feet)</th>
<th>Kind of Water</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>6 inch</td>
<td>0</td>
<td>65 ft</td>
<td>none</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Est. Annual Withdrawal 10,000 gal.

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level 20 feet

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)

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Adair W. Hawkins
Address: 3600, Montana

Driller: Simpson Drilling Co.
Address: Wals, Montana

Date of Notice of appropriation of ground water: 5/26/76

Date well started: 5/26/76
Date Completed: 5/27/76

Type of well drilled: 
Equiped used: cable
(dug, driven, bored, or drilled)

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

Indicate the character and thickness of the strata met with in drilling; such as soil, clay, shale, gravel, rock, or sand:

<table>
<thead>
<tr>
<th>Strata Met With</th>
<th>Character</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Show the exact depth of the bottom:

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>0</th>
</tr>
</thead>
</table>

Static Water Level for non-flowing water: 50 feet
Shut-in Pressure for Flowing Well: 25 lbs. per square inch
Pumping Water Level: 80 feet at 80 gal. per minute
Discharge in gal. per min. of flowing well: none

How Tested: bulletin
Length of Test: 1 hour
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information).

Est. annual withdrawal: 100,000

Show the exact depth of the bottom.

<table>
<thead>
<tr>
<th>SE 32 Sec.9 T9 S27</th>
<th>255.25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicate location of well and place of use, if possible. Each small square represents 10 acres</td>
<td></td>
</tr>
<tr>
<td>Notes:</td>
<td></td>
</tr>
<tr>
<td>Filed for record</td>
<td>Driller's License Number</td>
</tr>
<tr>
<td>A.D. 19</td>
<td>255.25</td>
</tr>
<tr>
<td>Driller's Signature</td>
<td></td>
</tr>
</tbody>
</table>

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

Declaration of Vested Groundwater Rights

Adair Hotchkiss

Name of Appropriator

Malta

Address

State of Montana

County of Phillips

Declared that I, Adair Hotchkiss, situated at Hotchkiss Ranch, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator: Adair Hotchkiss
2. 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: Unknown
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 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: Temp. Sack & Absorber Motor
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: 30'
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: 60 ft deep
10. The estimated amount of groundwater withdrawn each year: 90,000 gal
11. The log of formations encountered in the drilling of each well if available: Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No

Signature of Owner: Adair Hotchkiss

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

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

2. The beneficial use on which the claim is based: 1. Domestic and stock 2. Domestic and stock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1. 1916 continuous 2. 1954 continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1. 6 gallons per minute 2. 7 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.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1. Windmill and pump 2. Gasoline engine and pump.


8. The depth of water table: 1. 78 ft 2. 80 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: 1. Hand dug 4 ft. diameter, wood curbing. 80 ft. deep 2. Drilled 4 inch iron casing. 81 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 1. 365,000 gallons 2. 500,000.

11. The log of formations encountered in the drilling of each well if available: 1. Loose to bottom then gravel 2. Loose to bottom then gravel at bottom.

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: O. C. Busche
Date: December 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.
State of Montana, County of Phillips.
Filed for Record this 16th day of Dec., A.D. 1873, et., 1875.
Dated 16th day of Dec., A.D. 1875.
Recorded in Book A.
For $2.00
Returns.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

## 1. O. G. Basch, of Seco

- **County:** Phillips
- **State:** Montana

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

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

- The beneficial use on which the claim is based: Stock

- Date or approximate date of earliest beneficial use; and how continuous the use has been: 1912 continuing

- The amount of groundwater claimed (in inches or gallons per minute): 9 gallons per minute

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

- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Developed spring, curbed and free flowing

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: First curbed in 1912

- The depth of water table: Surface

- The log of formations encountered in the drilling of each well if available: Spring is in gravel

- 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:** December 16, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1969

Owner: Blue Brothers
Address: Saco, Montana

Contractor (if any): Gelves
Address of Contractor: Saco, Montana

Date Started: 1969
Date Completed: 1969

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Free-flowing spring from 1969 to 1969, when developed. Water is to top, flows three to four gallons per minute.

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. Flows three to four gallons per minute.

Signature of Owner: [Signature]
Date: March 31, 1969

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
## GROUNDWATER INDEX

**County:** Phillips  
**Twp.:** 33  
**Rge.:** 33E

<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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<td>GW4</td>
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<td>GW4</td>
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<td>Harold R. Kappel</td>
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<td>E. Lyle Haynes</td>
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<td>46</td>
<td>Charles Haynes</td>
<td>GW2</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)

1. Emerson Goodfellow

of

Town

of

Name of Appropriator

Address

County of

State of

Phillips

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 and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1958 Continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 4-13-28 until 4-19-58

8. The depth of water table: 109 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 6 in., casing, 138 ft., deep casing: 10 ft. 5 ft. steel

10. The estimated amount of groundwater withdrawn each year: 1,000,000 gallons

11. The log of formations encountered in the drilling of each well if available: 0-2 top soil, 2-20 clay, 20-40 sand and gravel, 40-55 white clay, 55-113 sandy yellow clay, 113-116 sand rock, 116-127 sandstone, 127-132 sand rock, 138 sandstone and water

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: Emerson Goodfellow

Date: December 23, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana,  
County of Phillips,  
Filed for Record this 23rd day of Dec., A.D. 1923 at 11:00 a.m., and duly recorded in book  

By:  
Pet.  
Return:  

R. M. Filberg, Recorder
**MONTANA BUREAU OF MINES AND GEOLOGY**

**BUTTE, MONTANA**

**WATER WELL LOG**

**County:** Phillips

**Owner:** Emerson Foodstuffs, Inc.

**Driller:** Cal Cole

**Date Started:** 4/12/58

**Date Completed:** 4/19/58

**Location:** Sec. 1, T. 22 N, R. 23 W, 

**Type of Well:** Drilled

**Equipment Used:** Churn Drill

**Water Use:** Stock

**Casing:**

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<th>From</th>
<th>To</th>
<th>Type</th>
<th>Size</th>
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</table>

**Perforated or Screened:**

<table>
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<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>138</td>
<td>155</td>
</tr>
<tr>
<td>155</td>
<td>170</td>
</tr>
</tbody>
</table>

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 10.9 feet

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

<table>
<thead>
<tr>
<th>Date</th>
<th>lb/sq.in. on:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pumping water level:** 120 feet

**How tested:** Pumping

**Length of test:** 1 hr.

**Remarks:**

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

[Handwritten notes]

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
<td>Top Soil</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>20</td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>40</td>
<td>Sand and gravel</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>55</td>
<td>White Clay</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>113</td>
<td>Sandy yellow clay</td>
<td></td>
</tr>
<tr>
<td>113</td>
<td>116</td>
<td>Sand Rock</td>
<td></td>
</tr>
<tr>
<td>116</td>
<td>127</td>
<td>Sandstone</td>
<td></td>
</tr>
<tr>
<td>127</td>
<td>131</td>
<td>Sand Rock</td>
<td></td>
</tr>
<tr>
<td>131</td>
<td>137</td>
<td>Sandstone + water</td>
<td></td>
</tr>
</tbody>
</table>

State of [illegible]  
County of Phillips  
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. William F. Brennan

(Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE WATER-CONSERVATION BOARD

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

William J. Bessman
(Address)

County of Phillips
(State of Montana)

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, 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 hoehes 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 Applicant:________

Date:________

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

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

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