STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Francis L. Fahlert, of Joplin
   (Name of Appropriator) (Address) Joplin
   County of Liberty, 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 is for household garden and lawn sprayer use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been is November 1930, steady use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) is 2 million gals a year.

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 is no irrigation.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater is Aug. 1930, Nov. 1930.

8. The depth of water table is 24 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:

   Size: 6 in. screen, cased well.
   Depth: 90 ft.

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 The estimated amount of groundwater withdrawn each year is 200,000 gals.

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

   The remarks:

   Signature of Owner Francis L. Fahlert
   Date 7/7/1962

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.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**Owner:** J.N. McDowell & June

**Address:** Chester, Montana

---

**Date of Notice of Appropriation of Groundwater:** Nov. 15, 1971

**Date well started:** Oct. 1971  
**Date Completed:** Nov. 1971

---

**Type of Well:** Shallow

**Equipment Used:** Backhoe

**Water Use:** Domestic ☐  Municipal ☐  Other ☐  Irrigation ☐

**Industrial ☐  Drainage ☐  Stock ☐**

---

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

---

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4'</td>
<td>4' casing 16 ga</td>
<td>16' deep</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Static Water Level for non-flowing Well:**  5'  feet

**Shut-in Pressure for Flowing Well:** seepage wall

**Pumping Water Level:**  feet at  1  gal. per minute.

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

**How Tested:**  Didn't  
**Length of Test:**  ----

**Remarks:** (Gravel packing, cementing, packers, type of shaft, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation)  to water  
schubs, trees etc

---

Driller's License Number

Driller's Signature

---

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

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

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

---

Approved 1971 Montana State Engineer.
STATE OF MONTANA
COUNTY OF LIBERTY

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Lineage</td>
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<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Birth Date</td>
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</tr>
<tr>
<td>Place of Birth</td>
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<tr>
<td>Father's Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Mother's Name</td>
<td></td>
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<tr>
<td>Naturalized</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alien or Citizen</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

M. J. Johnson

12-07-1927

Liberty County, Montana

F. J. Johnson

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

Owner: McDowell
Address: Chester, Montana

Driller: None
Address:  

Date of Notice of Appropriation of Groundwater: Nov. 18, 1971
Date well started: Oct. 1971
Date completed: Nov. 18, 1971

Type of Well: Shallow
Equipment Used: Backhoe
(dig, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Well Drilled</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>16&quot;</td>
<td>16 Ga</td>
<td>18' deep</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 5' feet.
Shut-in Pressure for Flowing Well: seepage well
Pumping Water Level: 1 foot at 1 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Didn't
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) to water: shrubs, trees etc

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

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

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

1. J. H. McDowell, of Chester, 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, stock and spray water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: September 1940 and continuously since that time.

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

5. For irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: No applicable.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A Mayer's electric pressure pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: September 1940.

8. The depth of water table: 140 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6-in. hole 140 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 300,000.

11. The log of formations encountered in the drilling of each well if available: No log kept.

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: J. H. McDowell
Date: Dec. 9, 1963.

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

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

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1968

(Under Chapter 287 Montana Session Laws, 1961, as amended)

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

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

Owner: THOMAS R. WOOD

Address: TOPLIN, MONTANA

Date well started: 3/21/71

Date well completed: 4/7/71

Type of well: DRILLED

Equipment used: CABLE TOOL RC

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

Describe: __________

USE: If used for irrigation, industrial, drainage or other, explain, state number of acres and location or other data (i.e. lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(dim. show on level)</th>
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<tbody>
<tr>
<td>0.2</td>
<td>GRAVELY SAND</td>
</tr>
<tr>
<td>0.6</td>
<td>GRAVELY BROWN CLAY</td>
</tr>
<tr>
<td>0.9</td>
<td>SANDY BROWN CLAY</td>
</tr>
<tr>
<td>1.5</td>
<td>SANDY CLAY</td>
</tr>
<tr>
<td>2.0</td>
<td>GROUND WATER</td>
</tr>
<tr>
<td>2.4</td>
<td>ICE</td>
</tr>
<tr>
<td>2.4</td>
<td>20 FT. DEEP</td>
</tr>
<tr>
<td>2.4</td>
<td>80 FT. DEEP</td>
</tr>
<tr>
<td>2.4</td>
<td>130 FT. DEEP</td>
</tr>
<tr>
<td>2.4</td>
<td>200 FT. DEEP</td>
</tr>
</tbody>
</table>

Driller's Signature: __________

Driller's Address: 1173 6TH ST, NO.

HAVER, MONTANA LICENSE NO. 100

8 1/2" 4 1/2" 4 1/2" 3/4" 3/4" 139

STATIC WATER LEVEL

Pumping water level: 135 ft.*

at 300 gallons per minute measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by ELECTRIC PUMP for 8 hours.

Remarks: (Gravel packing, cementing, packers, type of shut-off) DATE: inserted to approx. 80 ft. casing, installed to 139 ft. level, cemented to seal. 150 FEET OF SURFACE "WELL" IS DEDICATED TO PRIMARY FARM USE.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 227, Montana Session Laws, 1961)

_NAME—_LAND L. HODGSON_
_of_ Fort Peiel_ (Address)
_County of_ Liberty_ 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: 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 00

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: 1940

8. The depth of water table: 10 ft. below surface

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

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

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: 
Date: 11-20-43

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

Please answer all questions. If not applicable, 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)

STATE ENGINEER

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

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

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

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

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: 11-20-43

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

Please answer all questions. If not applicable, 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.
August 20, 1971

Water Conservation Board
Water Resources Engineer
Sam W. Mitchell Building
Helena, Montana 59601

Dear Sir:

Enclosed you will find a copy of a Release Agreement for the utilization of a fresh water well.

Operator Lawrence Barker, Jr.

Lease Name: 

Well No. 21-11, Sec. 21, Twp. 35N, Rge. 7E
Liberty County

Yours very truly,

[Signature]
Norman J. Beaudry
Executive Secretary

NJB/ml
Encl.

cc: Mr. W. Bond
Bureau of Mines and Geology
Butte, Montana 59701
RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, Fred Joy

of the County of Liberty

in the State of Montana, am the owner of the hereinafter described land upon which

a well for oil or gas was drilled, to wit:

Operator ________ Lawrence Barker, Jr. ___________

Lease Name ________ Joy ___________

Well No. ______ Sec. ______ Twp. ______ Rge. ______

The well is located 1980 feet ______ of the South

line and 1980 feet ______ of the _______ line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30,

1953, I do hereby notify the Oil and Gas Conservation Commission of the State

of Montana of my desire to utilize said well as a fresh water well; and, that

if such utilization is approved, I do hereby release and discharge the operator

hereinabove named from any further work or responsibility in relation to the

plugging of said well.

Type of Use ______ Domestic ______ Municipal ______ Stock ______ Other ______

Industrial ______ Drainage ______ Irrigation ______

Producing Depth ______ 560 ______ Producing Formation ______ Eagle ______

Yield of well ______

Annual Withdrawal ______

WITNESS my hand and seal this ______ 13th day of August ______, 1971.

Fred Joy ______

L S ______

Address ______

Joplin, Montana 59531 ______

Subscribed and Sworn to before me this ______ 13th day of August, A.D. 1971.

IN THE PRESENCE OF: ______

R. W. Notary Public for the State of Montana ______

Residing at Shelby, Montana 59474 ______

APPROVED BY: ______

Oil and Gas Conservation Commission ______

Petroleum Engineer, Geologist, or Executive Secretary ______

Dated: August 13, 1971 ______
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

County: Liberty

Date of Declaration: Jan 6, 1964

File No. T. 35 N. R. 76

Declaration of Vested Groundwater Rights

2. The beneficial use on which the claim is based: Domestic Use, Stock Water & Spraying

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

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:

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: In 1963 Enlarged and put in New Casing

8. The depth of water table: 5 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 Foot Steel Casing, 10 foot Deep, Also has Section 10 Feet long and 6 Feet in diameter horizontal in the bottom of well of Steel. This together with the upright 6 foot casing makes a storage of over 3,000 gallons of water available at all times.

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

11. The log of formations encountered in the drilling of each well if available: TANAXI Five feet of clay

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Not Available

Signature of Owner: Keith McDonald

Date: Dec. 17, 1963

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

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

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

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

1. Edward \[Name\] of \[Address\], County of \[County\], State of \[State\], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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

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

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

Appropriator: Mlron Brox

County of: (Address)

State of: Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1962 - Used for about 5 years

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gals x 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. About 1963

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.

10. The estimated amount of groundwater withdrawn each year. None at present.

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: Mlron Brox

Date: Dec. 19, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rudolph Paul</td>
<td>Well-Log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Gower John L.</td>
<td>GW-4</td>
<td>.5918</td>
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<td>7</td>
<td>Armstrong Mary Ann</td>
<td>GW-3</td>
<td>93312</td>
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<tr>
<td>9</td>
<td>Blair Jesse</td>
<td>Well-Log</td>
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<tr>
<td>12</td>
<td>Rudolph Paul</td>
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<td>15</td>
<td>Blair Jesse</td>
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<td>16</td>
<td>Rudolph/Blair Jesse</td>
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<td>Rackman Senior</td>
<td>GW-4</td>
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<tr>
<td>172</td>
<td>Edward</td>
<td></td>
<td>83405</td>
<td></td>
</tr>
</tbody>
</table>
# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>June 29, 1973</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ownership Address</td>
<td>North Dale Tnd 21</td>
</tr>
<tr>
<td>Contractor Address</td>
<td>___________________________________________</td>
</tr>
<tr>
<td>Address of Contractor</td>
<td>___________________________________________</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Description</td>
<td>Describe means of obtaining groundwater without a well, &quot;as by sub-irrigation and other natural processes.&quot; Include depth to water when applicable.</td>
</tr>
<tr>
<td>Quantity of water developed and used</td>
<td>Quarter acre</td>
</tr>
<tr>
<td>Explanation of method used to measure</td>
<td>Quarter acre</td>
</tr>
<tr>
<td>or estimate such amount</td>
<td>Quarter acre</td>
</tr>
<tr>
<td>estimate approximate lengths of periods</td>
<td>Quarter acre</td>
</tr>
<tr>
<td>of use</td>
<td>Quarter acre</td>
</tr>
<tr>
<td>Indicate point of appropriation</td>
<td>___________________________________________</td>
</tr>
<tr>
<td>and place of discharge, if possible</td>
<td>___________________________________________</td>
</tr>
<tr>
<td>Signature of Owner</td>
<td>___________________________________________</td>
</tr>
<tr>
<td>Date</td>
<td>June 29, 1973</td>
</tr>
</tbody>
</table>

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

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.
93312

STATE OF MONTANA,  
County of Liberty.

Filed:  
June 2, 1923  
at  
10:15 o'clock A.M.  

Mary H. Helms  
County Clerk

By:  
John Johnson  
Deputy
### WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Paul Rudolph</th>
<th>Address</th>
<th>Chester, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Earl Heaverland</td>
<td>Address</td>
<td>Chester, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>May, 1961</td>
<td>Date Completed</td>
<td>May 1961</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 1 T. 34 R. 4 ½ sec.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Drill, drill, rotary, other)</td>
<td></td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
<td>Drainage</td>
<td>Other</td>
</tr>
</tbody>
</table>

Casing: 125 ft. to 60 ft. Type Steel Size 7"

Casing: _ ft. to _ ft. Type _ Size _

Casing: _ ft. to _ ft. Type _ Size _

Perforated or Screened: Ft. 6' to _ ft. Ft. _ to __ ft.

Type of screen or perforations: drilled

Static Water level, for non-flowing well: 60' feet.

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

Pumping water level _ feet at 3 gal. per min.

How tested: Not tested

Length of test _

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

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 1</td>
<td>To 123</td>
</tr>
<tr>
<td></td>
<td>clay</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. JOHN L. STONER, JR., of STAR ROUTE GALATA
   (Name of Appropriator) (Address)
   County of LIBERTY State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   HOUSE AND LIVESTOCK USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   JULY 15, 1951
   CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   8 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
   NO IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   DEEP WELL JET PUMP, ONE WELL, LOT 1, SECTION 5, T 34, R 4 EAST

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   JUNE 1, 1951, COMPLETED JULY 15, 1951

8. The depth of water table
   150'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for withdrawal of groundwater
   8' DRILLED WELL, 177 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
    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: John L. Stoner, Jr.

Date: Dec 5, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Jesse Blair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Galena</td>
</tr>
<tr>
<td>Driller</td>
<td>Otis Edwards</td>
</tr>
<tr>
<td>Address</td>
<td>Chester, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 9, T 34 N, R 4 E, 1/4 sec. 38N4E</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial</td>
<td>Drainage</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>108 ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

Perforated or Screened: Ft. to Ft. to Ft. to Ft.

Type of screen or perforations:

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>Lb/sq.in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at</td>
</tr>
<tr>
<td>How tested:</td>
<td></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)
**WATER WELL LOG**

Owner: Paul Rudolph  
Address: Chester, Montana  
Driller: Earl Heaverland  
Address: Chester, Montana  
Date Started: Feb. 1961  
Date Completed: March 1, 1961  
Location: Sec. 12 T. 34 R. 4 1/2 sec.

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

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

Casing:  
80 ft. to [ ] ft. Type: galvanized Size: 5"
116 ft. to [ ] ft. Type: steel Size: 7"

Perforated:  
Ft. 8' to Ft. [ ] Ft. [ ] to Ft. [ ]

Type of screen or perforations drilled:  

Static Water level, for non-flowing well: 80' feet.  
Shut-in pressure, for flowing well: lb./sq. in. on: [ ]

Pumping water level 80' feet at 3 gal. per min.  

How tested: not tested  
Length of test:  

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

Shut-off with pipe at 108'  

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-108</td>
<td>1</td>
<td>108</td>
<td>Clay</td>
</tr>
<tr>
<td>108-110</td>
<td>108</td>
<td>110</td>
<td>quick sand</td>
</tr>
<tr>
<td>110-130</td>
<td>110</td>
<td>130</td>
<td>blue clay</td>
</tr>
<tr>
<td>130-150</td>
<td>130</td>
<td>150</td>
<td>sand rock and clay</td>
</tr>
<tr>
<td>150-</td>
<td>150</td>
<td></td>
<td>water in sand</td>
</tr>
</tbody>
</table>
### WATER WELL LOG

**Owner:** Jesse Blair  
**Address:** Galata

**Driller:** Sherman Hill  
**Address:** Galata

**Date Started:**  
**Date Completed:** 1940

**Location:** Sec. 16  
T. 34 N., R. 4 E., ¼ sec. (E432)

**Type of well:** Drilled  
**Equipment used:** (Churn drill, rotary, other)

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

**Casing:**  
- 15 ft. to 20 ft. Type: [ ] Size: 5 -inch

**Perforated or Screened:**  
- Ft. to Ft. Type: [ ] 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)

---

(over)
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana  
WATER WELL LOG  
STATE ENGINEER  

<table>
<thead>
<tr>
<th>Owner</th>
<th>Jesse Blair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Galata, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Anaconda Company</td>
</tr>
<tr>
<td>Address</td>
<td>Butte</td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td>1948</td>
</tr>
<tr>
<td>Location: Sec.</td>
<td>26 T. 34 N. R. 4 E. 34 sec.</td>
</tr>
</tbody>
</table>

**Type of well**: Drilled  
**Equipment used**: Cable drilled  
**Water use**: Stock  
**Casing**: 240 ft. to  
**Type of screen or perforations**:  
**Static Water level, for non-flowing well**:  
**Shut-in pressure, for flowing well**:  
**Pumping water level**:  
**How tested**:  
**Length of test**:  
**Remarks**: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 227, Montana Session Laws, 1961)

Sevier Fockman

(Town)

County of Liberty

State of MONTANA

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

1. The beneficial use on which the claim is based

2. The approximate date of earliest beneficial use; and how continuous the use has been

3. The means of withdrawing such water from the ground and the location of each well

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 and the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

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

Edward Pochman

Name of Appropriator

County of

State of

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

1. The date of commencement and completion of the construction of the well, if applicable:

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

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

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:

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, if applicable:

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.
## Groundwater Index

### County: Liberty

<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>7</td>
<td>Delozier, John P.</td>
<td>GW 4</td>
<td>83565</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Decker, Martin P.</td>
<td>GW 2</td>
<td>82698</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Glass, Alan L.</td>
<td>GW 2</td>
<td>82739</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Hawkes, Sara A.</td>
<td>GW 4</td>
<td>84719</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Hawes, Leo</td>
<td>GW 2</td>
<td>98727</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Thieffges, Peter</td>
<td>Water.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Stemen, A &amp; V.</td>
<td>GW 4</td>
<td>84267</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)

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberty</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:
   - For stock and irrigation of shelter belt

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - Sept. 22, 1952
   - Steady continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 8 gal. a 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:
   - 20 acres shelter belt and garden

6. The means of withdrawing such water from the ground—name of each well or other means of withdrawal:
   - Gas engine & pump jack at present

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - Sept. 22, 1952 and completed Sept. 30, 1952

8. The depth of water table:
   - 93 ft.

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - 6 inch steel casing, 98 feet deep

10. The estimated amount of groundwater withdrawn each year:
    - 350,000 gal.

11. The log of formations encountered in the drilling of each well if available:
    - Log was not furnished by well driller

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

Signature of Owner:

Date: July 29, 1963

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

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

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

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

**Declaration of Vested Groundwater Rights**

The following information is submitted in accordance with the provisions of Chapter 237, Montana Session Laws, 1961.

### 1. Name and Address
- **Appropriator**: John D. Doleszel  
- **Location**: Chester  
- **County**: Liberty  
- **State**: Montana

### 2. Beneficial Use
- **Type**: Domestic, also stock and yard irrigation

### 3. Date of Beneficial Use
- **Earliest Beneficial Use**: May 10, 1944
- **Duration**: Everyday

### 4. Amount Claimed
- **Type**: Gallons per minute
- **Amount**: 4 gallons per minute

### 5. Irrigation Details
- **Acreage**: 10 acres
- **Description**: Site 14, Section 7, T. 34N, R. 5E

### 6. Means of Withdrawal
- **Submersible Pump

### 7. Date of Construction
- **Commencement**: April 18, 1944  
- **Completion**: April 26, 1944

### 8. Water Table Depth
- **Depth**: 93 ft.

### 9. Well Specifications
- **Casing**: 6-inch casing, 97 feet deep

### 10. Estimated Annual Withdrawal
- **Amount**: 225,000 gallons

### 11. Logs
- **Furnished by Well Driller**: Yes

### 12. Additional Information
- **Reference**: None

**Signature of Owner**: John D. Doleszel  
**Date**: July 22, 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 by Means of Well Driller

(Under Chapter 237, Montana Session Laws, 1961)

**State of Montana**

**Owner:** Martin D. Lyders  
**Address:** Chester, Montana

**Driller:** Orville Jacobson  
**Address:** Chester, Montana

Date of Notice of Appropriation of Groundwater: 9/62  
Date Completed: 10/62

#### Top of Ground

<table>
<thead>
<tr>
<th>Elev. above sea level</th>
<th>Surface Soil</th>
<th>Yellow Clay</th>
<th>Gray Clay</th>
<th>Gray Clay, Sand &amp; Water</th>
<th>Light Gray Clay</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>3210</td>
<td>25-45</td>
<td>45-70</td>
<td>70-116</td>
</tr>
</tbody>
</table>

**Type of well:** Farm, bored or drilled  
**Equipment Used:** Cable Tools  
**Use:** Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

**Character of soil:**
- **Ground:**  
- **Above sea level:**

**Strata:**
- **Gray Clay:**  
- **Sandy Clay:**  
- **Red Sandy Shale:**  
- **Gray Shale:**  
- **Brown Shale:**  
- **White Shale:**  
- **Sandy Stone:**  
- **Silt with Gray Shale:**  
- **Sand and Gravel:**  
- **Clay and Sand:**  
- **Sandy Silt with Gray Shale:**

**Appropriations**

<table>
<thead>
<tr>
<th>Size and Weight of casing</th>
<th>From (feet)</th>
<th>To (feet)</th>
<th>Pressure for Flowing Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>New coating</td>
<td>6.95</td>
<td>18 inches</td>
<td></td>
</tr>
</tbody>
</table>

**Discharge in gal. per minute:** 225 gal. per minute

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

**Driller's License Number:**

**Driller's Signature:**

**Show exact depth of bottom:** 295 ft.

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

Owner: Alvin L. Floss
Address: Chester, Mont.

Driller: Cyrille Jacobson
Address: Chester, Mont.

Date Notice of Appropriation of Groundwater: 10/15/62
Date Notice of Completion: 10/30/62

Type of Well: Drilled
Equipment Used: Dug, driven, bored or drilled

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

Size and From of Drilled Hole: 8 inch galvanized 10.5 lb. per ft.

Gravel packed surface to be grouted 70 ft. from top feet.

Shut-in Pressure for Flowing Well

Pumping Water Level: 200 ft. feet at 25 gal. per minute.

Discharge in gal, per min. of flowing well

How Tested: 4 hrs.

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

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

Show exact depth of bottom.

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

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

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

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

1. Name: C. Hawkins
   (Name of Appropriator)
   of: Choteau
   (Address)
   County of: Liberty
   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 & Stock Use

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1949 - Continuous Use (No. 2 since 1949)

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2-5 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
   #1 - Not Used for Irrigation
   #2 - 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:
   #1 - Working Head with Rods & Cylinder System
   #2 - Hand Pump

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater: 1949 - No. 2 - Original well dug in 1910 - Renovated in 1951

8. The depth of water table:
   #1 - 150 Feet
   No. 2 - 10 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   #1 - Galvanized Tin Casing, 250 Feet Deep
   Withdrawn with Working Head with Rods & Cylinder System
   No. 2 - 36 in. Diameter - Culvert (Steel) - With Hand Pump Withdrawal

10. The estimated amount of groundwater withdrawn each year:
    #1 - 150,000 Gallons
    #2 - 25,000 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: Not Available

Signature of Owner: C. Hawkins
Date: Dec. 30, 1963

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

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

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

74593
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**MONTANA WATER RESOURCES BOARD**

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

(Under Chapter 337 Montana Session Laws, 1961, as amended)

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

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

---

**Owner**: Leo Hawks

**Address**: Chester, Montana

**File No.**: 92782

**Date well started**: June 27, 1972

**Complet**ed**: July 20, 1972

**Type of well**: Drilled

**Equipment used**: Cable Tool Air

**Water Use**: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

**Industrial**: [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

**Describe**:

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

**ESTIMATED ANNUAL WITHDRAWAL**: Exceeds 1,500,000 gallons

---

**Driller's Address**: High Line Drilling Service

**Driller's Address**: 173 6th St. No. Phane 265-4470

---

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<th>(Elev. above sea level)</th>
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**Static water level**: 20.8 ft.

**Pumping water level**: 32.8 ft.

**Power**: Electric Pump 1 HP

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

**NATURAL FLOW**: 6.75 gpm

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

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**Driller’s Signature**:

---

**License No.**: 46

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**Show exact depth of bottom**: 51.624
WATER WELL LOG

Owner: Peter Thieltyes  
Address: Chester, Montana

Driller: Owner  
Address:

Date Started: 1951  
Date Completed: 1951

Location: Sec. 24 T, 34 N R, 5 E  
 Sec. 34 R

Type of well: Dug  
Equipment used: Shovel (manual, drill, rotary, other)

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

Industrial [ ]  
Drainage [ ]  
Other [ ]

Casing: ______ ft. to 18 ft.  
Type: Galvanized  
Size: 35"

Casing: ______ ft. to ______ ft.  
Type: ______  
Size: ______

Casing: ______ ft. to ______ ft.  
Type: ______  
Size: ______

Perforated or Screened: Ft. ______ to Ft. ______.  
Ft. ______ to Ft. ______

Type of screen or perforations: slits

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: none

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

Owner: Peter Thieltges
Address: Chester, Montana

Driller: Owner
Address:

Date Started: 1958
Date Completed: 1958

Location: Sec. 24 T. 34 N. R. 5 E. ¼ sec. SW¼

Type of well: Drilled
Equipment used: Drill (Aug., driven, bored, or drilled)

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

Casing: _______ ft. to _______ ft. Type Gal.: _______ Size: _______

Casing: _______ ft. to _______ ft. Type Gal.: _______ Size:

Casing: _______ ft. to _______ ft. Type Gal.: _______ Size:

Perforated or Screened: Ft. _______ to Ft. _______. Ft. _______ to Ft. _______.

Type of screen or perforations: slits

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: _______ None

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

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

1. O. W. Averill & Sons, Inc. of Box 275
   (Address)
   (Name of Appropriator)

   County of Liberty
   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. This well provides water for two living houses, one barnhouse, and water for garden and trees.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well was dug in 1950 and has been in continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gallons per minute in years of normal rainfall.

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. Water is used on a vegetable garden, lawns and for irrigating trees around the front lawn. Land area is about one or two acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is withdrawn by an electric water pump located in the basement of a house one hundred eighty feet from well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. This well was dug and placed in use in June 1950.

8. The depth of water table. This varies from 8 to 12 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. The well is 4 feet by 4 feet and is about 16 feet deep. It is encased in concrete for the first 8 feet and cribbed in wood for the remaining distance. The concrete extends 6 inches above the surface and is covered with a metal sheathed roof.

10. The estimated amount of groundwater withdrawn each year. Approximately 500,000 gallons.

11. The log of formations encountered in the drilling of each well if available. Alluvial soil for first six feet, then clay with a sand layer at about 12 or 14 feet.

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. Well is located about 100 feet from a reservoir and 75 feet diagonally from the section corner.

O. W. Averill & Sons, Inc.
Signature of Owner
Date: December 28, 1959

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.

24552
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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)

Frank Smith
Chester

County of

Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1944, 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.

October 1944

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

30 gal. 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

Not used for irrigation

6. The point of appropriation; the name of the owner of the ground water from which the water is drawn; the number of the well or other means of withdrawal; the location of each well or other means of withdrawal; the pumps, if any

Not used for irrigation

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

October 5-10, 1944

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

Dug Well, 6 inch hole, 60 feet

10. The estimated amount of groundwater withdrawn each year

208,000 gallons

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

None available

Signature of Owner

Frank Smith

Date

Jan 6, 1964

Three copies to be filled by the owner and 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)

1. [Name of Appropriate] of [Address] in [Town], county of [County] and state of [State], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

4. The amount of groundwater claimed (in cubic feet per minute or gallons per minute).

5. If used for irrigation, give the average width 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 withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year.

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

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

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

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

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

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

State of Montana
County 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. Name of Appropriator
2. The beneficial use on which the claim is based
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
4. The amount of groundwater claimed (in 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.