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

Mott Miller & Clement Miller

County of Carbon

State of Montana

Administrator of Groundwater Code
Office of State Engineer

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 ____________________________
   continuous since ____________________________

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

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

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

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

8. The depth of water table ____________________________

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

10. The estimated amount of groundwater withdrawn each year ____________________________

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

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

Mott Miller & Clement Miller

Signature of Owner ____________________________

Date 1-22-62

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.
STATE OF MONTANA,
COUNTY OF CARBON,
Office of the County Clerk & Recorder

I hereby certify that the within

Water Appr.

was filed

for record in my office this 2nd day

of Feb. A.D. 1962

at 4:35 o'clock P. M.

Attest my hand and the seal of
said County

GEORGE W. FLASKERUD

Clark and Recorder

Form 8 2/64.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filled 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: Stanley Arthur

Address: Joliet

Montana

Date well started: 2-26-73

Completed: 2-28-73

Type of well: Drilled

Equipment used: Cable tool

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

* Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Pipe</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>Riser Size</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; x 6&quot;</td>
<td></td>
<td>0'</td>
<td>100'</td>
<td>75' x 95'</td>
<td>75'</td>
<td>95'</td>
</tr>
</tbody>
</table>

Static water level: 75' ft.

Pumping water level: 95' ft.

at 8,000 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by: Bailer

Power: Pump HP

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

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

Driller's Signature: Zallman, Lewell

Driller's Address: 18023 Roundup Rd, Billings, MT

LICENSE NO: 182

1035 Wolfmiller Lane

Driller's Address: 18023 Roundup Rd, Billings, MT

License No: 182

1035 Wolfmiller Lane

53,094
In the Matter of the County of Carbon

I hereby certify that the within

Appropriation was filed

in my office this 7 day

of May, 1912

Attest my hand and the seal of

Clark Amdahl

Clerk and Recorder

Parol 8
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John G. Frank
(Name of Appropriator)

County of Carbon
State of Montana

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

1. Name of Appropriator
2. The beneficial use on which the claim is based: Household, Use and stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Approximate earliest use 1928 and used continuous since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute): Approximately 80 gallons per minute from four wells
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pumps used for withdrawal; Wells located near farm buildings
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Two wells constructed prior to 1928, one well constructed in 1939 and one well constructed in 1949
8. The depth of water table: 31 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: Two wells with six inch casing approximately 33 ft. deep. One well with 6 inch casing 90 ft. deep. One well with 5 inch casing 56 ft. deep.
10. The estimated amount of groundwater withdrawn each year: 600,000 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: No other information available

Signature of Owner: ____________________________
Date: Feb. 15, 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 CARBON SS.
Office of the County Clerk & Recorder

I hereby certify that the within

[Signature]

for record in my office this ___ day
of March A.D. 19__
at __:__ P.M.

Attest my hand and the seal of
said County

FRANK DAMICH, COUNTY CLERK
Clerk and Recorder

156465
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: March 1963
Owner: Richard L. Shawles Address: Box 73, Ballantine, Mont
Contractor (if any): Not known
Address of Contractor: Not known
Date Started: Not known, Date Completed: Not known

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

Natural Flow

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.

Watering 10 rows year around

SE 1/4 NE Sec. 14, T. 35 R. 23 E
Indicate point of appropriation and place of use, if possible.

Signature of Owner: Richard L. Shawles
Date: June 18, 1973

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA.
COUNTY OF CAHON.
Office of the County Clerk & Recorder.

I hereby certify that the within
appropriation was filed
for record in my office this 29 day
of July A.D. 1913
at 2:00 o'clock p.m.

I set my hand and the seal of
said County.

[Signature]

[Seal]

[Date]
Notice of Completion of Groundwater Appropriation—Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: Whitewash Ranch
Address: 606 Main St. Billings

Contractor (if any)
Address of Contractor

Date Started: Sept. 1961
Date Completed: Sept. 1961

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

Damm installed 1 pipe 600' into tanks

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

1200 gal. Per 24 hrs. Measured with containers for several measured minutes at several

Amount of day

Signature of Owner: Whitewash Ranch
Date: 1-17-62

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; TriPLICATE to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within Water Approp. was filed for record in my office this ___ day of ___, A.D. 19___ at __:__ o'clock ___ M.

Attach my hand and the seal of said County

GEORGE W. FLASHERUD
Clerk and Recorder

[Signature]

152713
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 257 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: Stanley Artman
Address: 411 N. Montana

Date well started: 2-28-73
Completed: 3-1-73

Type of well: Drilled
Equipment used: Cable Tool

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

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

---

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Gravel Size and Depth of</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type (Foot)</td>
<td>Foot</td>
</tr>
<tr>
<td>6&quot; 75'</td>
<td>.55</td>
</tr>
<tr>
<td>6&quot; 75'</td>
<td>.55</td>
</tr>
</tbody>
</table>

Static water level: 55 ft.

Pumping water level: 20 ft.

at 290 gallons per minute, measured 20 minutes after pumping began.

Measured from ground level.

Well developed by: Driller

for 2 hours.

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

---

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

Driller's Signature: James Lewis
Driller's Address: 703 Roundup Rd. Billings

---

Show exact depth of bottom.
COUNTY OF CARSON

I hereby certify that the within

APPROPRIATION, was filed

for record in my office this __ day

of ____________________________ A.D. 19__

_______________________________

Attest: my hand and the seal of

_______________________________

Clark and Recorder

_____________________________________

Page 3  2 00
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Sept. 13, 1963

Owner: William A. 
Address: Helena

Contractor (if any): 
Address of Contractor: 

Date Started: Date Completed: 

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use.

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

Signature of Owner: William A. 
Date: Sept. 13, 1963

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

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

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

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

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater  Sept 13, 1963
Owner. W. C. Williams, Address, 816 W. Main Street
Contractor (if any) 
Address of Contractor

Date Started
Date Completed

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

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

Signature of Owner W. C. Williams, Date  Sept 13, 1963

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

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

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

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

Office of the County Clerk & Recorder

I hereby certify that the within

Plat of Agg. was filed

for record in my office this 13th day
of Sept. A.D. 1963
at 1:20 o'clock PM.

Attest my hand and the seal of
said County

FRANK DANCHEK, COUNTY CLERK

Clerk and Recorder

By

[Signature]
# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Louis Oaken
**Address:** Lutesia, Mont

**Driller:** Clyde McKechnie
**Address:** Laurel, Mont

**Date of Notice of Appropriation of Groundwater:**

Date well started: 3/3/63  
Date completed: 4/15/63

**Type of well:** Drilled  
**Equipment Used:** Tumb. Style

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>Standard Steel</td>
<td>0</td>
<td>30'6&quot;</td>
<td>40-4&quot;</td>
<td>29'</td>
<td>30'1&quot;</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 12'  
**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:** 15'  
**Discharge in gal. per min. of flowing well:**

**How Tested:** Raising Length of Test: 15 minutes

**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)

**Remarks:**

**Indicate location of well and place of use, if possible. Each small square represents 10 acres. Show exact depth of bottom.**

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

**Driller's License Number:**

**Driller's Signature:**

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

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

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

Office of the County Clerk & Recorder

I hereby certify that the within

Water Approp. was filed
for record in my office this 15th day
of May A.D. 1963
at 7:55 A.M.

Attest my hand and the seal of
said County

FRANK DANION, COUNTY CLERK

Clark and Recorder

[Signature]

From 3 20-64
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Frederick Acheson  Address: Lila A. Acheson,
Driller: Clyde Sanders  Address: 111, Volmer, Belgrade.
Date Started: September 27, 1960  Date Completed: October 27, 1960
Location: Sec. 24, T. 11, R. 31, Block C-1, P. 15

Type of well: Drilled  Equipment used: Cable

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

Casing: 0 ft. to 32 ft.  Type: Q.D.  Size: 6"
Casing: ______________________ to _____________________ ft.
Casing: ______________________ to _____________________ ft.
Perforated or Screened: Ft. to Ft.  Type: ______________________

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) ______________________

RECEIVED
JAN 9, 1961
STATE ENGINEER

STATE ENGINEER
DEC 29 1961
(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 12</td>
<td>sand</td>
</tr>
<tr>
<td>12 - 32</td>
<td>gravel</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963

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

Date of Notice of appropriation of groundwater:

Type of well: Drilled

Equipment used: Churn drill

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 Cut</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-inches</td>
<td>65/8</td>
<td>18.97</td>
<td>39</td>
<td>5/346</td>
<td>35</td>
<td>38</td>
</tr>
</tbody>
</table>

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 shut-off)

USE—It used for irrigation, industrial, drainage or other, happy, state number of acres and location or other data (i.e. test, bing, and addition).

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, tissue copy to be retained by driller.

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

Driller's License Number:

Driller's Signature: 45,994
STATE OF MONTANA
COUNTY OF CARBON
Office of the County Clerk & Recorder
I hereby certify that the within
petition was filed for record in my office this 22nd day
of May A.D. 1969
at 11:25 o'clock a.m.
A.-
Attorn my hand and the seal of
said County

[Signature]
Clerk and Recorder

By: [Signature]
Deputy

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

1. WILLIAM WALTER of BESLEUR, County of CERARON
State of MONTANA have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1966

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gal. per minute

LOT 12, BLOCK 2, EAST SIDES, BESLEUR, MONT.

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 1966

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 10,000 gal.

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

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

Date 12/3/63 Signature of owner WILLIAM WALTER

STATE OF MONTANA, ) County of Carbon ss.

Having first been duly sworn, depose and say that
he ______ of lawful age and ______ the appropriator and claimant ______ of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name ______ subscribed thereto, as the appropriator and claimant ______ that he ______ know the contents of said foregoing notice and that the matters and things therein stated are true.

WILLIAM WALTER

Subscribed and sworn to before me, this 31st day of December, 1963

Notary "While for the State of Montana.
Resides at
My Commission expires

43,919
STATE OF MONTANA
COUNTY OF CARBON SS.

Office of the County Clerk & Recorder.

I hereby certify that the within

[Signature]

was filed

for record in my office this 31st day

of

A.D. 1963

at 4:27 o'clock P.M.

Attorn

of said County

FRANK DANIČEK, COUNTY CLERK

[Signature]

[Date] 2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner
Address
Contractor (if any)
Address of Contractor
Date Started
Date Completed

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

Sub-irrigation
Springs

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.

50 miners inches

Signature of Owner

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

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

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

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

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

Date of Appropriation of Groundwater: 1903
Owner: Dewey Emmett
Address: Silesia, Mont.
Contractor (if any):
Address of Contractor:
Date Started: Date Completed:

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

Sub-irrigation - free-flowing
Sprig 95.

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.

50 MINERS INCHES

Signature of Owner:

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

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

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

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

43,077
STATE OF MONTANA.
COUNTY OF CARBON.

Office of the County Clerk & Recorder.

I, hereby certify that the within

DEPOSITION

was filed

in the office of the above-mentioned Clerk of Court

this 19 day

of Nov. 4, 1966,

at 10:20 A.M.

Affixed my hand and the seal of

said County.

Frank D. Smith
County Clerk.

By:

Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Driller, B & H Drilling
Address, Montana

Date of Notice of appropriation of groundwater: 6/16/69
Date well started: 6/16/69
Date completed: 6/17/69

Drilled: 6 inch well
Equipment used: Churn drill

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 Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td></td>
<td>2 + 50</td>
<td></td>
<td>4/46 Tank Cut</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>44 49</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 33 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 40 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Driller
Length of Test 2 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Indicate location of well and place of use, if possible. Each small square represents 40 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, then copy to be retained by driller.

Please answer all questions. If not applicable, state otherwise the form will be returned.
Dated at Montana, County of Carbon.
Office of the County Clerk & Recorder.
I hereby certify that the within
Application was filed
fourteen (14) days before this 30th day
at 11:30 A.M.
Attorn my hand and the seal of
said County.

[Signature]
Clerk and Recorder.
Dear Sirs:

I am enclosing figures from 1969 Assessment List.

Part SW 1/4 Sec. 26 - Township 38 - Range 23E

25 Acres. School District 20

Hope this is O.K. as road to Red Lodge pretty slick at present, but if not will drive up and have them verify, which I had hoped they had done when we had it recorded.

Sincerely

Curtis J. Hunter

Route # 1 - Box 63

Silesia, Montana 59080

[Signature]

__GW 4; Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Curtis Hunter

Address Silesia, Montana 59080

Location T. R. Sec. Document No. 178869

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate location of well site by Township, Range, Section.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

[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, thirteenth copy to be retained by driller.

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

Driller's License Number: [Red L. Hargray]

Driller's Signature: 45, 290
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- X GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by
Owner Curtis Hunter
Address Silesia, Montana 59080
Location T. R. Sec.
Document No. 173869

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate location of well site by Township, Range, Section.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas G. Smith

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).

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, tissue copy to be retained by driller.

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

Driller's License Number
Driller's Signature

No. 37
45, 290
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

UNDER CHAPTER 237 MONTANA SESSION LAWS, 1961, AS AMENDED

Date of Notice of appropriation of groundwater: January 1, 1962

Date the well started: 6/16/69
Date completed: 6/17/69

Use of well: Domestic
Equipment used: Churn drill
Characteristics: Drilled

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: 33 feet.
Shut-in Pressure for flowing well: 10 feet.
Pumping Water Level: 40 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well: 44 gal.

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

---

No. E

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, tissue copy to be retained by driller.

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

---

[Diagram showing well location and water levels]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: 1963
Owner: Dewey Emmett  Address: Silvia, Mont.
Contractor (if any): None
Address of Contractor: None
Date Started: Date Completed: 

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

Sub-irrigation

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.

25 giner's inches for each

Signature of Owner: Dewey Emmett
Date: Nov. 18, 1966

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
168265

[Redacted content]

[Handwritten text]

[Redacted content]

[Handwritten text]
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

   SE NW Sec 28 T 3 R 23
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 45 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
      about 10 acres

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      about 1905

   8. The depth of water table
      Artesian Well Continuous Flow

   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
      withdrawal depth 12' boring

   10. The estimated amount of groundwater withdrawn each year 23650.00 sq. ft

   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
   Date 12-30-63

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

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

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

I hereby certify that the within
Appropriation was filed
for record in my office this 30 day
of Dec., A.D. 1963
at 5:52 o'clock P.M.

Attorn my hand and the seal of
said County

[Signature]

Clerk and Recorder

Date: 121963

159349
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Everett Patzinger, of 711 5th Ave, Laurel, (Address) (Town)
   County of Yellowstone, 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: 1912 Continuous

4. The amount of groundwater claimed (in thousand cubic feet per day 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: not applicable

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: 1912

8. The depth of water table: 100 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: not applicable

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

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

12. Such additional 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: Everett Patzinger
Date: 1/3/1963

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 Appropriate Owner.

File No. 655
COUNTY OF CARSON

Office of the County Clerk & Recorder

I hereby certify that the within Appropriation was filed for record in my office this 30 day of June, A.D. 1963 at 5:47 o'clock P.M.

Attest my hand and the seal of

Frank Anderson
Clerk and Recorder

By

Fees $2.00
MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Owner: Mr. Stanley Arthun
Driller: B & H Drilling
Date Started: 11/1/60
Date Completed: 11/14/60
Location: Sec. 31 T 3 R 23

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled (Dug, driven, bored, or drilled)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐</td>
</tr>
<tr>
<td>Industrial</td>
<td>☐</td>
</tr>
<tr>
<td>Drainage</td>
<td>☐</td>
</tr>
<tr>
<td>Other</td>
<td>☐</td>
</tr>
</tbody>
</table>

Casing:
- 0 ft. to 11 ft. Type Black Size: 6 in.
- Type: ☐ Size: 
- Type: ☐ Size: 
- Perforated or Screened: Ft. to Ft. to Ft.

Static Water level, for non-flowing well: 200 feet.

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

Pumping water level: 315 feet at 2½ or 3 gal. per min.

How tested: Baler

Length of test: 3 hr.

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

RECEIVED

STATE ENGINEER

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>60</td>
</tr>
<tr>
<td>60</td>
<td>95</td>
</tr>
<tr>
<td>95</td>
<td>115</td>
</tr>
<tr>
<td>115</td>
<td>136</td>
</tr>
<tr>
<td>136</td>
<td>137</td>
</tr>
<tr>
<td>137</td>
<td>200</td>
</tr>
<tr>
<td>200</td>
<td>210</td>
</tr>
<tr>
<td>210</td>
<td>280</td>
</tr>
<tr>
<td>280</td>
<td>300</td>
</tr>
<tr>
<td>300</td>
<td>340</td>
</tr>
</tbody>
</table>

Legend:
- Eagle
- Telegraph Creek

Description of Material Drilled:
- Top Soil
- Brown Sandstone
- Gray Sandstone
- Brown Sandstone
- Gray Shale
- Brown Sandstone --- water in Gals, Br.
- Gray Shale and Sandstone Layers
- Gray Sandstone
- Gray Shale------Sandy
- Gray Sandstone. (Water)
- Gray Sandy Shale
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1960
Owner: Mitchell Thomas
Address: Jalie, Mont.
Contractor (if any): None
Address of Contractor: None
Date Started: 1960
Date Completed: 1960

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

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

Free flowing

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: 30 gal/hr.

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

Signature of Owner: Mitchell Thomas
Date: 12/31/60

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this _____ day of __________, 19____

Notary Public for the State of Montana
Residing at
My Commission expires __________ 19____

C/75/8
STATE OF MONTANA
COUNTY OF CROOKED CREEK

Office of the County Clerk & Recorder

I hereby certify that the within
appropriation was filed
for record in my office this ___ day
of ___ A.D. 1963
at ___ o'clock A.M.

Attorn, my hand and the seal of
said County
FRANK DANIHEL, COUNTY CLERK

[Signature]
Clerk and Recorder

[Signature]
Deputy

Page 8 200
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filled
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: William Mansur
Address: R.R. H Box 185
Missoula, Montana

Date well started: 9/14/70
Well completed: 9/33/70

Type of well: DRILLED

Equipment used: CABLE

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).

FULL AMOUNT WELL WILL PRODUCE AS WELL ONLY MAKES

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Depth of Hole</th>
<th>PERTURBATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>104</td>
<td>104 ft. 0&quot;</td>
<td>25 ft. Drilled 35&quot;</td>
</tr>
<tr>
<td>9</td>
<td>&quot;PVC 3.5&quot;</td>
<td>180 ft.</td>
</tr>
</tbody>
</table>

Static water level: 93 ft.
Pumping water level: 0 ft.
At: 0 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by [ ] for 9 hours.

Power: [ ] HP
Remarks: [ ]

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

Driller's Address: 1035 W. Milliken Lane

Driller's License No.: 188

Show exact depth of bottom: LEO

4/7629
In the County of Pima, Arizona, I, the undersigned Clerk and Recorder of the County, do hereby certify that the within

Court Claim

[Redacted]

was recorded in the office of the Clerk and Recorder of the County this 14th day of December A.D. 1970, at 10:40 o'clock A.M.

I attest my hand and the seal of said County.

J. Craig Repkoski
Clerk and Recorder

[Redacted]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. WILLIAM A. REAMS
   (Name of Appropriator)
   of Silesea
   County of Carbon
   State of Montana

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

2. The beneficial use on which the claim is based
   Irrigation of arid land

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   April 1, 1946

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

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
   Approximately 80 acres; the Northwest Quarter of Section 35, lying east of the Northern Pacific Railroad, and east of Range 33 West, T. 23 N., R. 5 E., Carbon County, Montana

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Groundwater is withdrawn from the so-called White Horse Pitch and is taken down said ditch by a small well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   April 1, 1946

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
   Irrigation ditch 1 foot deep

10. The estimated amount of groundwater withdrawn each year
    200 miner's inches during the full irrigation season from May to October

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

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 applicable

Signature of Owner: WILLIAM A. REAMS
Date: September 13, 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 CARBON,
Office of the County Clerk & Recorder
I hereby certify that the within
Appropriation was filed
record in my office this 27th day
of September, A.D. 1963
at 10:35 o'clock A.M.
Attending hand and the seal of
said

[Signature]
Clerk and Recorder

[Signature]
Deputy

Foot S
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

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

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 Capacity of Drilled Water</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 6&quot;</td>
<td>18 3/4&quot;</td>
<td>18.97</td>
<td>34</td>
<td>Domestic</td>
</tr>
</tbody>
</table>

**Perforations**

<table>
<thead>
<tr>
<th>Depth</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>33</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**

- 13 feet

**Shut-in Pressure for Flowing Well**

- 30 feet

**Pumping Water Level**

- 30 gal. per minute.

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

- 140.2 gpm

**Length of Test**

- 140.2 min.

**Remarks**

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

**Indicate location of well and place of use, if possible. Each small square represents 40 acres.**

**Show exact depth of bottom.**

- 34 ft.

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

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

**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).

---

**Driver's Signature**

[Signature]

Driller's License Number

[License Number]
Declaration of Vested Groundwater Rights
(1 Under Chapter 27, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>William Worth</td>
<td>Silesia</td>
<td></td>
<td>Carbon</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: Garden, lawn, and household uses.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1960.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 gals per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Constructed in August, 1869.

8. The depth of water table: 9 feet.

9. So far as it may be available, the type, size and depth of each well or the other works for the withdrawal of groundwater: Shallow well approximately 3 feet in dia. by 12 feet in depth.

10. The estimated amount of groundwater withdrawn each year: 350,000 gals per year.

11. The log of formations encountered in the drilling of each well if available: 9 feet, topsaid g, sheet medium and coarse gravel and sand.

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: William Worth
Date: August 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.

43, 975,
STATE OF MONTANA,  
COUNTY OF CARBON  
Office of the County Clerk & Recorder  

I hereby certify that the within 
Water Appriss was filed  
for record in my office this 14th day  
of August  
A.D. 1963  
at 11:30 a.m.  

Attest my hand and the seal of  
said County  
FRANK DAMROO, COUNTY CLERK  
Clerk and Recorder  

FRANK  

195  
157684
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Zilla Worth of Silesia

County of Carbon 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: Lawn and household use.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 gal per minute.

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

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

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

8. The depth of water table: 10 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 2½ feet in prod by 1½ feet in depth.

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

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

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

Signature of Owner: Zilla Worth

Date: August 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.
STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within
WATER APPR. was filed
for record in my office this 14TH
day of August A.D. 1963
at 11:25 a.m.

Attest my hand and the seal of
said County
FRANK DANIHER, COUNTY CLERK
Clerk and Recorder

by: Tony J. Zupan, Deputy

[Signature]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

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

Signature of Owner

Date

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

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

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

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

JAN 26 1963
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

2. The beneficial use on which the claim is based
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
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 School of Mines and Quadruplicate for the Appropirator.
STATE OF MONTANA
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within Water filing was filed
for record in my office this 9 day
of Jan. A.D. 19__
at 11:20 o'clock A.M.

Attest my hand and the seal of
said County

FRANK DANDY
COUNTY CLERK

Clerk and Recorder

#993
159771
## GROUNDWATER INDEX

**County:** Carson  
**Twp.:** 35  
**Rge.:** 24E

<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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<tbody>
<tr>
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<td>Alex R. Frank</td>
<td>GW 4</td>
<td>159661</td>
<td></td>
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<td>6</td>
<td>Emma R. Bangert</td>
<td>GW 2</td>
<td>123505</td>
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<td>J. K. T. Hargrave</td>
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<td>7</td>
<td>Philip C. Noel</td>
<td>GW 2</td>
<td>188209</td>
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<tr>
<td>7</td>
<td>Phillip C. Noel</td>
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<td>18</td>
<td>William Johnson</td>
<td>GW 2</td>
<td>173567</td>
<td></td>
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</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. K. Frank
   (Name of Appropriator)
   County of Carbon
   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 and Carry Cereal

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6.50 gph

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.
   Pressure Pumping

7. The date of commencement and completion of the construction of the well, wells, or other works of withdrawal of groundwater 1953

8. The depth of water table 4 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
   Hand dug, Concrete casing, 15 ft. deep

10. The estimated amount of groundwater withdrawn each year 369,000

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

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

Signature of Owner K. Frank
Date Jan 3, 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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA,
COUNTY OF CARBON SS.
Office of the County Clerk & Recorder
I hereby certify that the within
Notice filed
was filed
for record in my office the 3 day
of Jan. 4, D. 1964
at 1:45 p. m.

Attest my hand and the seal of
said County
FRANK DANCHEN, COUNTY CLERK

Clerk and Recorder

[Signature]

[Date]
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1982

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

Name of water well owner: Emma Sauers
Address: Bridgery Ave.

Date of Notice of appropriation of groundwater completed: 6/18/68

Date well started: 6/18/68

Type of well

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

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

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

<table>
<thead>
<tr>
<th>Size of Drill</th>
<th>Size and Weight of Bits (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<tbody>
<tr>
<td>6 x 14</td>
<td>6 1/8 x 18 1/4</td>
<td>33 1/4</td>
<td>20</td>
<td>23</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 8 feet

Shut-in Pressure for Flowing well: 13 feet

Pumping Water Level: 80 gal. per minute.

Discharge in gal. per min. of flowing well: 20 gal. per minute.

How Tested: Daily

Length of Test: 30 days

Remarks: (Gravel packing, cementing, packers, type of shutoff, etc.) The water will have to be treated to use.

Indicate location of well and place of use, if possible. Each small square represents 40 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, tissue copy to be retained by driller.

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

Driller's License Number

Driller's Signature

4591
Office of the County Clerk & Recorder

I hereby certify that the within
appropriation was filed
in record in my office this 27 day
of June A.D. 1949
at 2:30 o'clock P.M.

Attire my hand and the seal of
said County

[Signature]

Sheriff and Recorder

Deputy

[Stamp]