MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
</tbody>
</table>

Date Started:                     Date Completed:

Location: Sec. 25, T. 20 N. 6 E. 16

Type of well: (Dug, driven, bored, or drilled)
Equipment used: (Churn, drill, rotary, other)

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

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

Perforated or Screened: ft. to ft. Type ft. to ft.

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)
<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>5.10</td>
<td>Sandy loam clay</td>
</tr>
<tr>
<td>11.42</td>
<td>Sand, buff in color</td>
</tr>
<tr>
<td>12.25</td>
<td>Sand, fine grained, tan in color</td>
</tr>
<tr>
<td>13.06</td>
<td>Sand, fine grained, tan in color</td>
</tr>
<tr>
<td>13.85</td>
<td>Fine to medium grained, tan in color</td>
</tr>
<tr>
<td>14.65</td>
<td>Fine to medium grained, tan in color</td>
</tr>
<tr>
<td>15.46</td>
<td>Fine to medium grained, tan in color</td>
</tr>
<tr>
<td>16.26</td>
<td>Medium grained, tan in color</td>
</tr>
<tr>
<td>17.06</td>
<td>Red clay, fine grained, red in color</td>
</tr>
<tr>
<td>17.86</td>
<td>Red clay, fine grained, red in color</td>
</tr>
<tr>
<td>18.67</td>
<td>Red clay, fine grained, red in color</td>
</tr>
</tbody>
</table>

Initials: T.R.B.

Recorded: 10-19-1951

County: [Blank]

Township: [Blank]

Range: [Blank]

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

1. **GEOGE C. HANEBUTH** and **LYDIA G. HANEBUTH**
   (Name of Appropriator) (Address) (Town)

   County of **Valley** State of **Montana**

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

1. Household
2. Stock well
3. Stock well

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been.
   1. 1945 - continuous
   2. 1947 - continuous
   3. 1947 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   1. 10 gallons per minute
   2. 10 gallons per minute
   3. 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 (None)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   1. Electric pump - located per map
   2. Electric pump - located per map
   3. Electric pump - located per map

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   1. 1945
   2. 1947
   3. 1947

8. The depth of water table 1. 20 feet
   2. 20 feet
   3. 20 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. 20' deep, 6" casing, 1" pipe
   2. 20' deep, 6" casing, 1" pipe
   3. 20' deep, 6" casing, 1" pipe

10. The estimated amount of groundwater withdrawn each year.
    1. 100,000 gallons per year
    2. 750,000 gallons per year
    3. 750,000 gallons per year

11. The log of formations encountered in the drilling of each well if available (None)

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

   **Signed by:**  
   **GEOGE C. HANEBUTH**
   **Lydia G. HANEBUTH**
   Date: **December 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. Return the form as filed.

Original to the County Clerk and Recorder; Duplicate to the U.S. Geological Survey; Duplicate to the Montana Bureau of Mines and Geology, and Quadrangle. as 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. Carlo Peterson
   (Name of Appropriator) of
   (Address) (Town)

   County of Valley
   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: Livestock water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 500 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A spring as located on the plat

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

8. The depth of water table: At the 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: Natural spring

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

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: Unknown

Signature of owner

Date December 31st, 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>File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cornwall Howard</td>
<td>GW 2</td>
<td>20283</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Hellstern Andrew G.</td>
<td>GW 4</td>
<td>888800</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Rainard A. Edgar</td>
<td>GW 2</td>
<td>79147</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>U.S. B&amp;O R</td>
<td>2</td>
<td>28758</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Bowen, W. D.</td>
<td>2</td>
<td>88731</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Beers, Willis D.</td>
<td>GW 4</td>
<td>839973</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Hill, Franklin</td>
<td></td>
<td>489405</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Valley Improvement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Dist. No. 9</td>
<td>4</td>
<td>426723</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Murl, Archie</td>
<td>4</td>
<td>866690</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Murl, Archie, Stanley</td>
<td>4</td>
<td>866689</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>and Mabel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Court, William S.</td>
<td>4</td>
<td>839888</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>II</td>
<td>GW 2</td>
<td>12629</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Kujist, A. Erick</td>
<td>GW 4</td>
<td>839146</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Laburn, John S.</td>
<td></td>
<td>488378</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Koski, Evelyn</td>
<td></td>
<td>499121</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Porter, John J.</td>
<td>GW 2</td>
<td>28786</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howard Carroll</td>
<td>Position</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. Carson</td>
<td>Location</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: [ ]
Date Well Started: [ ]
Date Completed: [ ]

Type of Well: [ ]
Equipment Used: [ ]

Water Use: [ ]

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 Pier</th>
<th>Kind of Drilled Pier</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>helpers</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well:
Pumping Water Level:
Discharge in gals. per min. of flowing well

Remarks: [ ]

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, three copies to be retained by drillers.

Driller's License Number
Driller's Signature

File No.:
State of Montana
Administrator of Groundwater Code
Office of State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howard Carroll</td>
<td>Position</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. Carson</td>
<td>Location</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: [ ]
Date Well Started: [ ]
Date Completed: [ ]

Type of Well: [ ]
Equipment Used: [ ]

Water Use: [ ]

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.

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<tbody>
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<td>4</td>
<td>helpers</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well:
Pumping Water Level:
Discharge in gals. per min. of flowing well

Remarks: [ ]

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, three copies to be retained by drillers.

Driller's License Number
Driller's Signature

File No.:
State of Montana
Administrator of Groundwater Code
Office of State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

<table>
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<tr>
<th>Owner</th>
<th>Address</th>
</tr>
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<tbody>
<tr>
<td>Howard Carroll</td>
<td>Position</td>
</tr>
</tbody>
</table>

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<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. Carson</td>
<td>Location</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: [ ]
Date Well Started: [ ]
Date Completed: [ ]

Type of Well: [ ]
Equipment Used: [ ]

Water Use: [ ]

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 Pier</th>
<th>Kind of Drilled Pier</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>helpers</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well:
Pumping Water Level:
Discharge in gals. per min. of flowing well

Remarks: [ ]

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, three copies to be retained by drillers.

Driller's License Number
Driller's Signature

File No.:
State of Montana
Administrator of Groundwater Code
Office of State Engineer
STATE OF MONTANA

County of Valley

Filed for record

Nov. 3, 1969

By

Mary L. Kuhfeld
County Recorder

McNeil /Judge

County

28293
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

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

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

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Additional well drilled about 1900, abandoned by h. J. Neid in 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300

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 when first dug, depth of water table about

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: David J. Hellstein
Date: June 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 

Driller: 
Address: 

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

Type of well: Equipment Used: 
(dug, driven, bored or drilled) 
(Churn, drill, rotary or other) 

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.

Static Water Level for non-flowing Well: feet. 
Shut-in Pressure for Flowing Well: 
Pumping Water Level: 
Discharge in gal. per min. of flowing well: 
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 pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number: 
Driller's Signature: 

This form to be prepared by driller, 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, 1
County of Valley,
Filed for probate

JAN 5 1905

2:30 clock 1 PM.

Wm. A. Bell, County Recorder

By: [Signature] Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

United States
Owner Bureau of Reclamation
Address Great Falls, Montana

Date well started 1-6-73
completed 1-13-73

Type of well Drilled
Equipment used Churn
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 Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 in.</td>
<td>44 ID</td>
<td>0</td>
<td>77</td>
</tr>
</tbody>
</table>

PERFORATIONS

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

Static water level 15 ft.*
Pumping water level 40 ft.* at 16 gallons per minute, measured 10 minutes after pumping began.
*Measured from ground level.

Well developed by for 2 hours.
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.

INDICATOR: [Diagram]

Driller's Signature: [Signature]
Driller's Address: slope, Montana

LICENSE NO. 220

COUNTY: valley

STACE

77 ft. Show exact depth of bottom
STATE OF MONTANA
County of Valley
Filed for Record

APR 7 3 1973
at 11:20 o'clock P.M.

County Recorder
By Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]
Date completed: [Date]

Type of well: [Type]
Equipment Used: [Type]

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.

Static Water Level for non-flowing well: 5-6 ft. from top. feet.

Shut-in Pressure for flowing well: 55.0 feet at 15 gal. per minute.

Pumping Water Level: 55.0 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well: [Discharge]

How Tested: [Method]
Length of Test: 1-42.

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth (Feet)</th>
<th>Spacing (Feet)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>5.0</td>
<td>0.5</td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td>10.0</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>15.0</td>
<td>1.5</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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. (Name of Appropriator) (Address) (Town)
   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: ____________________________
   Approximately: [Number] years
   Continuously: ____________________________

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

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

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

7. The date of commencement and completion of the construction of the well, walls, 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: ____________________________
    Jg/min; per min: ____________________________

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

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: ____________________________
    Owner: ____________________________

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)

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

County of __________________ State of __________________

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

2. The beneficial use or uses of which the claim is based.

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

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)

Valley County

1. Hinadale Special Improvement Dist. No. 1, of _________
   (Name of Appropriator) (Address) (Town)

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

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 _________
   Constant use: _______________

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   Town of Hinadale Special Improvement District No. 1

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Started November 1951
   Completed February 1952

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
   Diameter 6 ft. curbing
   Depth 30 ft.

10. The estimated amount of groundwater withdrawn each year _________
    19,000,000 gallons

11. The log of formations encountered in the drilling of each well if available
    gumbo and clay down to and through the water vein to gravel

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

Chairman, Valley County Commissioners

Date: February 8th, 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.
STATE OF MONTANA,
County of Valley.
Filed for record
FEB 1 3 1962

[Signature]

County Recorder

[Signature]

Deputy

[Signature]
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

1. Declaration of Vested Groundwater Rights

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 Appropriator.
STATE OF MONTANA, |  
County of Missoula.  
Filed for record.  

JAN 23, 1887

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

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

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

(Owner's Name)
(Address)
(Town)

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: ____________________________

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 logs 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 Appropriator.
STATE OF MONTANA,

County of Valley.

Filed the second

JAN 29 1902

By

[Signature]

County Recorder

[Signature]

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

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

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

<table>
<thead>
<tr>
<th>2. The beneficial use on which the claim is based</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Date or approximate date of earliest beneficial use; and how continuous the use has been</td>
</tr>
<tr>
<td>4. The amount of groundwater claimed (in miner's inches or gallons per minute)</td>
</tr>
<tr>
<td>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</td>
</tr>
<tr>
<td>6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal</td>
</tr>
<tr>
<td>7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</td>
</tr>
<tr>
<td>8. The depth of water table</td>
</tr>
<tr>
<td>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</td>
</tr>
<tr>
<td>10. The estimated amount of groundwater withdrawn each year</td>
</tr>
<tr>
<td>11. The log of formations encountered in the drilling of each well if available</td>
</tr>
<tr>
<td>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</td>
</tr>
</tbody>
</table>

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,

County of Valley,

Filed for record.

JAN 29 1963

3:00

Mary Ann Baker

Notary Public
**Notice of Completion of Groundwater Appropriation by Means of Well**


**Owner:** W. H. H.  
**Address:** Helena, Montana

**Driller:**  
**Address:**

**Date of Notice of appropriation of groundwater:**

**Date well started:**  
**Date completed:**

**Type of well:** Dug, Driven, bored or drilled  
**Equipment used:** 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 z, 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>Depth of Strata</th>
<th>Size of Drill Bit</th>
<th>Size and Weight of Casing</th>
<th>Tool (Feet)</th>
<th>Perforations</th>
<th>Depth (Feet)</th>
<th>Blanket Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>7.7</td>
<td>5.10</td>
<td>90</td>
<td></td>
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<td></td>
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<td>50</td>
<td></td>
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<td></td>
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<tr>
<td>75</td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

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

**How Tested:**

**Length of Test:**

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

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

**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.
STATE OF MONTANA, County of Valley.
Filed for record.
MAY 24 1965
11:00 o'clock A.M.
Mary Ann
County Recorder
By: ________________________
Deputy
STATE OF MONTANA, County of Valley,

Filed for record

MAY 24 1965

By

[Signatures of Recorder and Deputy]
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1927 CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300 gal per day

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: Wind, Milk, Electric, Motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1927

8. The depth of water table: 218 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: Drill, 8 inches

10. The estimated amount of groundwater withdrawn each year: 180,000 gal

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

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

Signature of Owner: Erick Kubla
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 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)

JOHN J. WEBBER

County of VALLEY

file No. VALLEY

State of MONTANA

DEPARTMENT OF MONTANA

ADMINISTRATOR OF GROUNDWATER

OFFICE OF STATE ENGINEER

T 30 R 36

DECLARATION OF VESTED GROUNDWATER RIGHTS

(John J. Weber, of Hinsdale, Montana)

1. John J. Weber, of Hinsdale, Montana

County of VALLEY

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: livestock

3. Date or approximate date of earliest beneficial use: approx. 1929

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 source and description of the lands to which water has been applied and name of the owner thereof:

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: fall of 1929

8. The depth of water table: 35 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: 110 feet deep, 6 inch galvanized casing

10. The estimated amount of groundwater withdrawn each year: 182,500 gallons

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

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

Signature of Owner: John Weber

Date: 12-15-53

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

1. **EVELYN KOSKI**
   (Name of Appropriator)
   of **Hinckley**
   (Address)
   (Town)

   County of **Valley**
   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 well**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1956 - intermittent**

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **15 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 pump - located on map**

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

   8. The depth of water table: **75 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: **175' deep, 4' casing, 14' pipe**

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

   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: **Evelyn Koski**
   Date: **December 31, 1963**

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

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

   Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate to the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: John Fertig
Address: Hinsdale

Date well started: June 30, 1973
Date well completed: July 11, 1973

Type of well: Drilled

Equipment used: Churn

Water Use: Stock

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Weight of Packer</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 in.</td>
<td>6 lb. Steel</td>
<td>130</td>
<td>152</td>
<td>Acrylic</td>
</tr>
</tbody>
</table>

Static water level: 117 ft.
Pumping water level: 127 ft.

*Measured from ground level.

Well developed by Drilling for 2 hours.
Power: Pump HP.
Remarks: (Gravel packing, cementing, packer, type of shutoff)

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

Driller's Signature: C. A. Erickson
Driller's Address: Saco, Mont.

LICENSE NO.: 320

County: Valley

Show exact depth of bottom
STATE OF MONTANA
County of Valley
Filed for Record

JUN 11 1973
at 2:30 o'clock P.M.

County Recorder
Deputy
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Baker, Irene Floyde</td>
<td>GW H</td>
<td>398161</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Betz Ranch, Inc.</td>
<td>H</td>
<td>399082</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Zeiger, George</td>
<td>well log</td>
<td>396764</td>
<td></td>
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<td>2</td>
<td>Betz Ranch, Inc.</td>
<td>GW J</td>
<td>398432</td>
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<tr>
<td>2</td>
<td>Zeiger, George Esther</td>
<td>H</td>
<td>398082</td>
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<tr>
<td>5</td>
<td>Hanson Ranch Co.</td>
<td>GW 2</td>
<td>394710</td>
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<td>6</td>
<td>Betz Ranch, Inc.</td>
<td>GW H</td>
<td>399087</td>
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<tr>
<td>10</td>
<td>Stronner, Andy</td>
<td>GW 3</td>
<td>398386</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Johnson, Harriet</td>
<td>GW H</td>
<td>398219</td>
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<tr>
<td>15</td>
<td>Great Northern P.R.</td>
<td>H</td>
<td>398185</td>
<td></td>
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<tr>
<td>16</td>
<td>Moen, Morris</td>
<td>H</td>
<td>398441</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Montfort, James W.</td>
<td>H</td>
<td>398648</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Johnson, La Fiscal</td>
<td>GW 2</td>
<td>396667</td>
<td></td>
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<tr>
<td>25</td>
<td>Wright, Dennis</td>
<td>2</td>
<td>19551</td>
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<tr>
<td>27</td>
<td>Drummond, James</td>
<td>GW H</td>
<td>18760</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Drummond, Elizabeth</td>
<td>H</td>
<td>18762</td>
<td></td>
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<tr>
<td>30</td>
<td>Montfort, James W.</td>
<td>H</td>
<td>393649</td>
<td></td>
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<tr>
<td>36</td>
<td>State Lands</td>
<td>GW 3</td>
<td>394718</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)

---

**Irene Fugle Baker**, of Box 678, Colstrip, MT (Name of Appropriator)

**County of Valley**, **State of Montana** (Address) (Town)

---

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

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

2. The beneficial use on which the claim is based: **Irrigation for garden, vegetables, and woodland use.**

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **30 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 acre, garden, potatoes.**

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: **1958.**

8. The depth of water table: **26 feet to first water; 12 feet intervals.**

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: **50 ft., 4 in. curb pipe (casing).**

10. The estimated amount of groundwater withdrawn each year: **365,000.**

11. The log of formations encountered in the drilling of each well if available: **Clay 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: **Reference to book and page.**

---

**Signature of Owner:**

**Date:** 8-30-1963

---

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.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Betz Ranch Inc.**, (Address) **Vandalia** (Town)
2. **Valley** (County) **Montana** (State)

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

<p>| | | | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Appropirator.

36922
### WATER WELL LOG

**Owner:** George J. Jarvies  
**Address:**  

**Driller:** C. D. Palen  
**Address:**  

**Date Started:** 7-27-57  
**Date Completed:** 7-29-57  

**Location:** Sec. 1 T. 30 R. 37 1/4 sec.  

---

**Type of well:** Drilled  
**Equipment used:** Churn drill  

**Water use:** Stock  

**Casing:**  
- **Type:**  
- **Size:**  

**Perforated or Screened:**  
- **Type of screen or perforations:**  

**Static Water level, for non-flowing well:** 3037.3  
**Shut-in pressure, for flowing well:**  

**Pumping water level:**  
- **Feet at:** 12  
- **Gal. per min.:**  

**How tested:**  
- **Length of test:**  

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

---

(over)
<table>
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<th>Depth, feet</th>
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Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1937

Owner: Irene R. Baker.  Address: Box 68, Glasgow

Contractor (if any)  not applicable

Address of Contractor  not applicable

Date Started:  not applicable.  Date Completed:  not applicable

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth of water when applicable.  Natural springs are located in creek.  Six inch capacity pump used to lift water.

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

600,000 gal. of water at one pumping, twice a year.

Signature of Owner: Irene R. Baker.

Date: Dec. 17, 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 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)

I, [Name of Appropriator], of [Address] of [Town],
County of [Valley] State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. [Name of Appropriator]
   (Address)
   (Town)

2. The beneficial use on which the claim is based
   [Specify]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1951-6 mos. Annually

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

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

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

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

8. The depth of water table
   [Specify]

9. So far as it may be available, the type, age, and depth of each well, the general description of any other works for the withdrawal of groundwater:
   [Specify]

10. The estimated amount of groundwater withdrawn each year
    [Specify]

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

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:
    [Specify]

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.

36927
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. George and Esther Zeiger
   (Name of Appropriator) of Vandalia
   (Address) (Town)

County of Valley 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:
   livestock, garden irrigation, and domestic.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   September 1, 1957.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   1 acre of garden adjacent to farm home of George and Esther Zeiger,
   NW^SE Section 2, T. 30 N., R. 37 E., Montana.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   pump with electric motor (pressure system).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   September 1, 1957.

8. The depth of water table: 30 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" drilled well, 57 feet deep, electric motor driven pressure system.

10. The estimated amount of groundwater withdrawn each year: 480,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available:
   32 feet yellow clay, 12 feet sand and gravel, 1 foot blue clay, 10 feet sand, and 2 feet gravel.

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:
   Montana File No. 135387

   Signature of Owner
   Esther Zeiger
   Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicates to the State Engineer; Triplicates to the Montana Bureau of Mines and Geology, and one triplicate for the Appropriator.
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, 1963

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

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

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

Owner Morgan Bros

Address Main St.

Date well started 10-30-70

Type of well Dug, driven, bored or drilled

Equipment used Churn

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

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<th>Size and Weight of Arbor</th>
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<th>To (Feet)</th>
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<td>4½ ID</td>
<td>63½</td>
<td>62½</td>
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</table>

Static water level 15 ft.

Pumping water level 37 ft.

at 38 gallons per minute measured minutes after pumping began.

*Measured from ground level.

Well developed by Drilling for 2 hours.

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 Cal Falco

Driller's Address 

LICENSE NO. 21
STATE OF MONTANA
County of Valley
Filed for Record
MAR - 3 1971

[Signature]
County Recorder
By: [Signature]
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Y Batz Ranch Inc., of Vandalia
   (Name of Appropnator) (Address) (Town)

   County of Valley 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 & Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 10/6/58 Annually

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

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: None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Wpump & Jetack Motor;

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 10/15/63

8. The depth of water table: 104 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: Machine (churn) Aug 4 in. casing Total depth 155 ft.

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

11. The log of formations encountered in the drilling of each well if available: 1-13 Sand; 13-66 Sand; 66-98 Yellow clay; 98-103 Blue clay; 103-134 Red; 134-145 Sand; 145-155 Sand groundwater;

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: 12/31/63

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; Triplet to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropnator.
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: Feb. 9, 1970
Owner: Andy Strommon
Address: Vandalia, Montana
Contractor (if any): None
Address of Contractor:

Date Started: Oct. 10, 1969
Date Completed: Oct. 10, 1969

Description means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug with back hoe, water comes to ground level. I sank a 48 inch steel pipe into gravel continuous, steam water pumping 10 gal. a min. Pipe is 15 feet in ground.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate length of periods of use. Stated to 1000 GPM. Plan sprinkler irrigation in summer. Possible use of 5000 gpm on further enlargement of area. Irrigation on parts of 2-3-4-9-10.

Amount of water was measured by two-pumps of known capacity pumping at once

Signature of Owner: Andy Strommon
Date: Feb. 9, 1970

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 Appropriate.