STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER 27 1964

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

Owner: _____ Address: __________
Driller: M.E. Jones Address: __________

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

TYPE of well: Drilled Equipment Used: Churn Drill
(dug, driven, bored or drilled)

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>Strata of Drilled Hole</th>
<th>Shear Value</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: __________ feet.
Shut-in Pressure for flowing Well: __________ feet at __________ gal. per minute.
Pumping Water Level: __________ feet.
Discharge in gal. per min. of flowing well:

How Tested: Pump 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

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

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
GaHotut CcwtY, 1
State of Montana

Filed January 21, 1964
at 12:10 o'clock P.M.

EARL WALTON
COUNTY CLERK & RECORDER

Fea. $2.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Walter Herman
Address: 

Driller: Donald C. Jones
Address: 

Date of Notice of appropriation of groundwater: Aug. 10, 1962
Date well started/Completion Date completed: March 10, 1962

Type of well: Drilled, Equipment used: Chisel Drill
(Dog, Driven, bored or drilled) (Chisel 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 and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Borehole</th>
<th>Size and Weight of Chisel Drill</th>
<th>From Ground</th>
<th>To Ground</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>4.5 &quot; 1/4 &quot;</td>
<td>6.5 ft.</td>
<td>534 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 37 feet.

Shut-in Pressure for Flowing Well: NA

Pumping Water Level: 75 feet.

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

How Tested: NA

Length of Test: NA

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).

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, time 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: NA

Driller's Signature: NA

41,606
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

WALTER HERMAN & Genevieve C., at RTH.1
Bozeman.

(Name of Appropriator) HERMAN
(Address) (Town)

County of Gallatin State of Montana

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

1. The beneficial use on which the claim is based: Streets and household use.

2. The date or approximate date of earliest beneficial use; and how continuous the use has been: 1934 Continuously.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 60-73 gal.

4. The date or approximate date of earliest beneficial use; and how continuous the use has been: 1934 Continuously.

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 Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1934.

8. The depth of water table: 5 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: No fancy飯店 Single Well.

10. The estimated amount of groundwater withdrawn each year: Appr. 26,500 gal.

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

Signature of Owner: WALTER HERMAN
Date: 1964

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

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

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

Filed: Dec. 31, 1963
At: 11:30 a.m., M.

COUNTY CLERK & RECORDER

By

Fee $5.00
## Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

### Owner

*Name:* Nora E. King  
*Address:*  

### Driller

*Name:* Harold Nelson  
*Address:*  

### Date of Notice of Appropriation of Groundwater

Sept. 19, 1963

### Date Well Started

Sept. 19, 1963

### Date Completed

Sept. 24, 1963

### Top of Ground

(Elev. above sea level)

<table>
<thead>
<tr>
<th>Elev.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Soil</td>
</tr>
<tr>
<td>2-7</td>
<td>Sand</td>
</tr>
<tr>
<td>4-10</td>
<td>Rock</td>
</tr>
<tr>
<td>7</td>
<td>Water</td>
</tr>
<tr>
<td>12-24</td>
<td>Rock</td>
</tr>
<tr>
<td>24-26</td>
<td>Sand</td>
</tr>
<tr>
<td>26-30</td>
<td>Clay</td>
</tr>
<tr>
<td>30-43</td>
<td>Sand</td>
</tr>
<tr>
<td>43-47</td>
<td>Sand</td>
</tr>
<tr>
<td>50-57</td>
<td>Sand</td>
</tr>
</tbody>
</table>

### 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.

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

### Static Water Level for non-flowing Well

2.4 feet

### Shut-in Pressure for Flowing Well

### Pumping Water Level

28 feet at 20 gal. per minute.

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

### How Tested

Length of Test: 3 hr

### 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.

### Driller’s License Number

### Driller’s Signature

*Herald E. King (Conn)*

---

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 Gallatin 

Filed October 14, 1963
at 11:10 o'clock A.M.

By J. T. Morrow
DEPUTY

Fee $2.00 Pd.

2.00 Pd.
### Water Well Log

**Owner**: Stanley W. Koch

**Address**: 2134 Vela

**Driller**: R. L. Bolam

**Address**: 1230 Bonita

**Date Started**: Aug. 1961

**Date Completed**: Oct. 1961

**Location**: Sec. 27, T. 25 R. 66 W. 2nd

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#### Type of well

- Drilled

#### Equipment used

- Chem. drill, rotary, other

#### Water use

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

#### Casing:

- 5 ft. to 24 ft. Type: 
  - Size: 5 x 15 A

#### Perforated or screened:

- Ft. to Ft.
  - Ft. to Ft.

#### Remarks:

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

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(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>Sand and Clay</td>
</tr>
<tr>
<td>4 - 29</td>
<td>Rock Boulder and Sand</td>
</tr>
<tr>
<td>29 - 36</td>
<td>Very gravel and water</td>
</tr>
</tbody>
</table>

**Note:**
- **Page 2:** Additional notes and signatures are present on the page.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Dave Johnson
Address: 123 Street, Helena, MT 59601
Driller: Harold T. Haller
Address: 456 Road, Butte, MT 59701

Date Notice of Appropriation: Feb 1, 1963
Date Well Started: Sept 30, 1961
Date Completed: Dec 1 - 63

Type of Well: Drilled
Equipment Used: Diami (Cement drill, rotary or drilled)

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>Strata Met</th>
<th>Depth (feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-15 Rock</td>
<td>12.971</td>
<td>Soil</td>
</tr>
<tr>
<td>15-25 Sand</td>
<td>28.50</td>
<td>Clay</td>
</tr>
<tr>
<td>25-30 Clay Rock</td>
<td>30.50</td>
<td>Sand</td>
</tr>
<tr>
<td>30-38 Clay Rock</td>
<td>38.50</td>
<td>Sand</td>
</tr>
<tr>
<td>38-49 Sand</td>
<td>49.50</td>
<td>Rock</td>
</tr>
<tr>
<td>49-50 Clay</td>
<td>50.50</td>
<td>Sand</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 2.2 feet
Shut-in Pressure for Flowing Well: —
Pumping Water Level: 30 feet at 28 gal. per minute.
Discharge in gal. per min. of flowing well: 90 Gall
How Tested: Drilled
Length of Test: 3 hrs

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

Driller's License Number: H-7
Driller's Signature: [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 Appropriate.
State of Montana  
County of Gallatin  

Filed October 17, 1963  
at 2:16 o'clock P.M.  

By:  
COUNTY CLERK & RECORDER  
DEPUTY  

Fee $2.00 pd.
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.

Mary Lavender
Owner - Raymond K. Lavender
Address - Route 1, Box 60
Bossmans, Montana

Date well started - 1928
Well completed -

Type of well - Drilled
Equipment used - (Drill, driven, bored or drilled)

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>Layer</th>
<th>Depth</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 9 ft.
Pumping water level 11 ft.

at 25.000 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by

for ________ hours.

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

Driller's Address

LICENSE NO.

5253 - Show exact depth of bottom
State of Montana
County of Garfield

Filed: April 12, 1973 at 8:35 o'clock A.M.

Carl L. Sturtevant
County Clerk & Recorder

By: Allen Langan

File: 3253 25.00
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 257, Montana Session Laws, 1961)

Owner: Ray Lavender  Address: R.R.1, Bozeman, Montana
Driller: Pete Drilling & Day  Address: R.R.1, Bozeman, Montana

Date of Notice of appropriation of groundwater: July 21, 1962
Date well started: July 22, 1962
Date completed: July 29, 1962

Type of well: Drilled
Equipment used: Cable Tool
(Drug, driven, bored or drilled)

Water use: Domestic ☑  Municipal ☐  Stock ☐  Irrigation ☑
Industrial ☐  Drainage ☐  Other ☐

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

<table>
<thead>
<tr>
<th>Strata (Elevation)</th>
<th>Character of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 feet</td>
<td>Top of Ground</td>
</tr>
<tr>
<td>0 to 2 feet</td>
<td>Course, Dirty Overburden</td>
</tr>
<tr>
<td>9 to 30 feet</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>30 to 32 feet</td>
<td>Sand &amp; Gravel</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 93 feet
Shut-in Pressure for Flowing Well: 33 feet at 500 gal. per minute.
Discharge in gal. per min. of flowing well: 1 hour

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

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

Driller's License Number: 1290
Driller's Signature: (Signature)

File No. 44503
State of Montana
County of Gallatin

Filed: August 15, 1965
at 2:45 o'clock P.M.

By Benny Reed
Deputy

Fee $5.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 233, Montana Session Laws, 1961)

Owner: Russell Hudson Address: Ft. Berthold

Driller: James Welding Address: Bismarck, ND

Date of Notice of Appropriation of Groundwater: Date well started: Dec. 1, 1964

Date Completed: Dec. 8, 1964

Type of well: Drilled Equipment Used: Churn drill

(dug, driven, bored or drilled)

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</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>64' 00</td>
<td>3'</td>
<td>58' 2</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20' 2' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level: 5' 2' feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Pump Length of Test: 14 hours

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, 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 Gallatin

Filed August 6, 1965
at 2:30 o'clock P.M.

CARL L. STUCKY

By

DEPUTY

Fee $2.00 pd
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Stanly McSlye
Driller: Pete Drilling Address: Route 1, Biga

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

Type of well (drill, drove, bored or drilled):__________
Equipment Used:__________

Water Use: Domestic[ ] Municipal[ ] Other[ ] Irrigation[ ]
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 watertight 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>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>18.92</td>
<td>0</td>
<td>56</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well:__________ feet.
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 shut-off, 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, 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 Gallatin

Filing Date: June 2, 1965
at 3:30 p.m.

Carl M. Stanley
COUNTY-SHERIFF & RECORDER

By: F. J. DEPUTY

Fee: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Karl A. Michel
   (Name of Appropriator)
   Route 1
   Buxton
   (Address)
   (Town)
   (State)
   (County)

   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: AGRICULTURE

3. Date or approximate date of earliest beneficial use; and how continuous:黑恶持续

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 24 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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: APRIL 30, 1965

8. The depth of water table: 25 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: HAND DUG IS FT DEEP

10. The estimated amount of groundwater withdrawn each year: 1,750 GALLONS PER 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: Karl A. Michel
Date: 3/31/63

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; 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: HAROLD W. MILLE L
Address: RT 1, BOZMAN

Driller: JAMES WELDING DRILL
Address: BOZMAN

Date of Notice of Appropriation of Groundwater: 3 JUNE 1963

Date Well Started: 30 MAY 63
Date Completed: 3 JUNE 63

Type of Well: DRILLED
Equipment Used: CHURB DRILL

Water Use: Domestic [x] Municipal [ ] Other [ ] Irrigation [ ]

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.

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

Show exact depth of bottom.

Static Water Level for non-flowing Well: __ feet.

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: __ hr

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)

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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)
Apprised Stock Form—State Publishing Co. 14-532-3—1963

Top of Ground
(Elev. above sea level 4300)

0'
2'
2'
32'
20'
60'
2'
Top soils
Coarse sands (dry)
Sandy clays (wet)
clean sand and
gravels.

Owner: Jane Pratt
Address: Bozeman, Mont.

Driller: Van Dyken Drilling Co.
Address: Bozeman, Mont.

Date of Notice of Appropriation of Groundwater: none
Date well started: Jan. 7/63
Date completed: Jan. 10/63

Type of Well: Drilling
Equipment Used: Cable tools
(dig, driven, bored or drilled)

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

Will 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 Diameter</th>
<th>Size and Weight of Casing</th>
<th>Depth to Water (Feet)</th>
<th>Water (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>6 5/8&quot; 0.010</td>
<td>0</td>
<td>77'</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 32' feet.
 Shut-in Pressure for Flowing Well: none
 Pumping Water Level: 42' feet at 25 gal. per minute.
 Discharge in gal. per min. of Flowing well: none
 How Tested: Bailer Length of Test: 1 hr.

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

License No. I
Driller's License Number
Driller's Signature

This form is 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.
Notice of Completion of Groundwater Appropriation by Means of a Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 

Driller: 

Date of Notice of Appropriation of Groundwater: 

Date well started: 

Date completed: 

Type of well: (dig, driven, bored or churned, drill, rotary or drilled) 

Equipment Used: 

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 Drilling Equipment</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td></td>
<td>6 1/2 to 12 1/2</td>
<td>15</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 5 feet.

Shut-in Pressure for Flowing Well: 

Pumping Water Level: 7 feet at 310 gal. per minute.

Discharge in gal. per min. of flowing well: 

How Tested: 

Length of Test: 4 ft.

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)

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 Gallatin
Filed

May 23, 1964
at 11:30 a.m.
J. C. State

Clerk

![Signature](signature.png)

By

Deputy

Fee $
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: J.L. Wannom Address: 414 West Curtiss
Driller: Donald C. Jones Address: Bozeman, Mont.

Date of Notice of appropriation of groundwater: 
Date well started: June 24, 1966 Date completed: July 1, 1966

Type of well: Drilled Equipment used: Chuck Drill
(Dug, Driven, bored or drilled) (Chuck 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 and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting (in.)</th>
<th>From (ft.0)</th>
<th>To (ft.)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lin. 6' 8&quot; dia.</td>
<td>1' above ground</td>
<td>6'</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level 62' feet at 30 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.

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

Indicate 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.

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).

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, one 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

Date: 41, 4, 1961
State of Montana
County of Gallatin
Filed \textit{Sept 19}, 1966
at 1:45 p.m.
Carl L. Stack
County Clerk & Recorder
By: \underline{J im b O. Makop}
Fee $20.00
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

Owner
Address
Date well started
completed
Type of well
Equipment used
Water Use:
*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).

<table>
<thead>
<tr>
<th>ESTIMATED ANNUAL WITHDRAWAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Field</td>
</tr>
<tr>
<td>6&quot;</td>
</tr>
</tbody>
</table>

Static water level
Pumping water level
at ___ gallons per minute,
measured ___ minutes after pumping
began.
*Measured from ground level.
Well developed by
for ___ 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
Driller's Address

Top of Ground

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Well Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Soil &amp; Clay</td>
</tr>
<tr>
<td>10</td>
<td>Coarse Gravel</td>
</tr>
<tr>
<td>20</td>
<td>Fine Gravel in Clay</td>
</tr>
<tr>
<td>30</td>
<td>Mostly Clay</td>
</tr>
<tr>
<td>40</td>
<td>Fine Gravel in Clay</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

Lot 3, 1/2 of 11 1/2, 5, Middle Creek
1/4 acre on 1/4 Sec. 12
T 7N, R 4W, S, W

LICENSE NO. 17
State of Montana
County of Gallatin

Filed: June 28, 1973
at 2:15 o'clock P.M.

By: Allen Peterson

Recording Officer
## WATER WELL LOG

**Owner:** J. W. Bailey  
**Address:** 19th, 19th  
**Driller:** Ivan Ague  
**Address:** 13th  
**Date Started:** Oct 19, 1937  
**Date Completed:** Oct 29, 1937  
**Location:** Sec. 13, T. 25 S. 4 E.  

**Type of well:** Cased  
**Equipment used:** Drill  
**Water use:** Domestic [✓]  
**Industrial** □  
**Municipal** □  
**Stock** [✓]  
**Irrigation** [✓]  
**Drainage** □  
**Other:** □

<table>
<thead>
<tr>
<th>Casing: Surface</th>
<th>Casing: ft. to 15 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Perforated or Screened: 3 ft. to 5 ft.  

**Type of screen or perforations:**  

**Static Water level, for non-flowing well:** 5 feet.

**Shut-in pressure, for flowing well:** 20 lb./sq. in. on: (date)

**Pumping water level:** 21 ft.  
**Flow rate:** 20 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 0</td>
<td>To 20</td>
</tr>
<tr>
<td>0–20</td>
<td>All sand, gravel, boulders</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>L.A. Brown</td>
<td>Route 1</td>
<td>Ken Dyken</td>
<td>Bozeman</td>
</tr>
</tbody>
</table>

Date Started: Nov. 7/57  Date Completed: Nov. 7/57

Location: Sec. 13 T. 2 S. R. 4 E. 1/4 sec.

Type of well: Dug

Equipment used: Cable Tools

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

Casing: 0 ft. to 33 ft. Type: Steel P.E. Size: 6 5/8” P.O. 17#

Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

Perforated or screened: Ft. [ ] to Ft. [ ]. Ft. [ ] to Ft. [ ].

Type of screen or perforations: [ ]

Static Water level, for non-flowing well: 7 feet.

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

Pumping water level: [ ] ft. measured at 1200 P.M. gal. per min.

How tested: Bailie

Length of test: 1 hour

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

[ ]
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 23</td>
<td>All sand, gravel, and sand lens.</td>
</tr>
</tbody>
</table>
**Water Well Log**

Owner: Louis A. Davis
Address: Butte, Montana

Driller: Address:

Date Started: Date Completed: 9-30

Location: Sec. 13 T. 15 R. 48 1/2 sec. Tract 583-584

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used (drill, rotary, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations

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>1</td>
<td>Black Clay</td>
</tr>
<tr>
<td>4.15</td>
<td>Sand, gravel, small boulders</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Wallace McHenry  Address: Kogeman Rte
Driller: Van Buren Drilling Co. Address: Kogeman
Date Started: Oct. 16/57  Date Completed: Oct. 19/57
Location: Sec. 13  T. 25 R. 4E  1/4 sec. acres 1.924

Type of well: (D: driven, b: bored, d: drilled)  Equipment used: (C: churn drill, r: rotary, o: other)
Water use: Domestic X  Municipal  Stock  Irrigation
Industrial  Drainage  Other:

Casing: spur to 24.9' ft.  Type:  Size:
Casing:  ft. to  ft.  Type:  Size:
Casing:  ft. to  ft.  Type:  Size:

Perforated or Screened: Ft. to  ft.  Ft. to  ft.
Type of screen or perforations:
Static Water level, for non-flowing well: 16 ft.
Shut-in pressure, for flowing well:  lb./sq. in. on: (date)
Pumping water level: feet at 35 G.P.M.  gal. per min.
How tested:  Baile

Length of test:  hr.
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>0</td>
<td>All sand and gravel.</td>
</tr>
</tbody>
</table>

Other observations and notes are blank.
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.

Driller's Log

DRILLER'S NAME: Donelle McNeil

For Administrator's Use

Address: R.R. 1

Date: 1/1/1971

Top of Ground

<table>
<thead>
<tr>
<th>Depth</th>
<th>Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Soil</td>
</tr>
<tr>
<td>3.10</td>
<td>Rock + gravel</td>
</tr>
<tr>
<td>10.30</td>
<td>Clay + gravel</td>
</tr>
<tr>
<td>20.20</td>
<td>Rock + gravel</td>
</tr>
<tr>
<td>30.30</td>
<td>Rock + water</td>
</tr>
<tr>
<td>24.30</td>
<td>Rock + gravel</td>
</tr>
<tr>
<td>35.10</td>
<td>Rock + water</td>
</tr>
<tr>
<td>42.40</td>
<td>Rock + water</td>
</tr>
<tr>
<td>46.40</td>
<td>Rock + gravel</td>
</tr>
</tbody>
</table>

Date well started: 1/1/1971

Date well completed: 1/7/1971

Type of Well: Arched

Equipment used: Cable: 120 ft.

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

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

Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Date of Test</th>
<th>Flow of Water</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>gpm</td>
<td></td>
</tr>
<tr>
<td>12/01/1969</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 15 ft.

Pumping water level: 25 ft.

At 30 gpm, measured 1/2 hours after pumping began.

*Measured from ground level.

Well developed by: Pump

for 3 hours.

Power: 10 HP Pump: 3 HP

Remark: (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: Harold Albert

Driller's Address: R.R. 1 St. George, Mont.

License No. 47
State of Montana
County of Gallatin ss.
Filed June 16, 1921
at 9:00 o'clock A.M.

[Signature]
County Clerk & Recorder
By [Signature]
Fee $20.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

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: "Norman Floyd" For Administrator's Use
Address: 814
Bazeman Street
Date well started: January 10, 1962
Type of well: d (Drill, driven, bored or drilled)
Equipment used: c (Chains drill, rotary or other)
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

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 of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: __________ ft.
Pumping water level: __________ ft.
Power: __________ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 2, Blk 10 Middle Creek

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

Driller's Signature: ____________________________
Driller's Address: ____________________________

Show exact depth of bottom.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY
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: \[name\]
Address: \[address\]
Date well started: \[date\]
Date well completed: \[date\]

Type of well: \[type\]
Equipment used: \[equipment\]
Water Use: \[use\]

*Remarks: (Gravel packing, cementing, etc.)

---

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Discharge</th>
<th>Size and Location of Drift</th>
<th>Flow Rate</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>[size]</td>
<td>[location]</td>
<td>[rate]</td>
<td></td>
</tr>
</tbody>
</table>

Static water level \[level\] ft.
Pumping water level \[level\] ft.
at \[rate\] gallons per minute, measured \[time\] minutes after pumping began.
*Measured from ground level.

Well developed by \[method\] for \[duration\] hours.

---

Location: \[location\]
Driller’s Signature: \[signature\]
Driller’s Address: \[address\]
State of Montana  
County of Gallatin  
Filed June 28, 1973  
at 2:50 clock P.M.  
Chief Clerk & Recorder  
By:       
Deputy  
File #: 25-81
Form No. 18

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address Route 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>General Wells, Drilling Address 106-82, Bozeman</td>
</tr>
<tr>
<td>Date Started</td>
<td>Aug 10, 1969</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Aug 12, 1969</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 13 T. 25 R. 4 E ¼ sec. NE 1/4 SE 1/4</td>
</tr>
</tbody>
</table>

### Water Well Log

**Type of well**: Drilled  | **Equipment used**: Churn Drill  
**Water use**: Domestic | Municipal | Stock | Irrigation | Drainage | Other  
**Casing**: Surface ft. to 6.5 ft. Type BLACK Size 7 OD 23  
**Casing**: _______ ft. to _______ ft. Type _______ Size _______  
**Casing**: _______ ft. to _______ ft. Type _______ Size _______  
**Perforated or screened**: _______ to _______ Ft. _______ to _______  
**Type of screen or perforations**: None  
**Static water level, for non-flowing well**: 24 feet  
**Shut-in pressure, for flowing well**: _______ lb./sq. in. on: _______ (psi)  
**Pumping water level**: 74 feet at 10 gal. per min.  
**How tested**: Bauer  
**Length of test**: 1 hr  
**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>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>19</td>
</tr>
<tr>
<td>19</td>
<td>33</td>
</tr>
<tr>
<td>33</td>
<td>36</td>
</tr>
<tr>
<td>36</td>
<td>74</td>
</tr>
<tr>
<td>74</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)

Lucile B. Siglar

1. Lucile B. Siglar, formerly of 420 S. Grand, Bozeman
   (Name of Appropriator)  (Address)  (Town)

County of Gallatin  State of Montana

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

2. The beneficial use on which the claim is based
   Domestic, yard and garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1906 daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 45 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. If not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   well with 4 inch casing and electric pump
   For location see adjoining

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

8. The depth of water table 13 feet 5 inches

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   The well was originally dug and later a 4 inch casing installed. There is a distance of ten feet five inches from the water table to the bottom of the well

10. The estimated amount of groundwater withdrawn each year 820,675 gallons

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

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

Signature of Owner

Date: December 19, 1963

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

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

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

Filed December 18, 1963
at 10:50 A.M.

KARL WALTON

County Clerk, Recorder

Fee $2.00 pd
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: ___________________________ Address: ___________________________

Driller: ___________________________ Address: ___________________________

Date Started: __________ Date Completed: __________

Location: Sec. _______ T. _______ R. _______ 1 sec.

Type of well: __________ Equipment used: __________

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

Industrial [ ] Drainage [ ] Other [ ]

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

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

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

Perforated or Screened: ______ ft. to ______ ft. ______ ft. to ______ ft.

Type of screen or perforations: __________________________

Static water level, for non-flowing well: ______ feet.

Shut-in pressure, for flowing well: ______ lb./sq. in. on: ______

Pumping water level: ______ feet at ______ gal. per min.

How tested: ___________________________

Length of test: ________

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

(over)
<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Site of Well**

**Description of Material Drilled**

*Clay & sand*
Notice of Completion of Groundwater Appropriation by Means of Well

(As provided by Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

Delbert F. & Mary Ann Barham

Owner: Delbert F. & Mary Ann Barham Address: Route 1, Bowman

Driller: Harald Helbert Address: Rt 1, Bowman, Inc.

Date of Notice of Appropriation of Groundwater: ____________________________

Date well started: July 13, 1961 Date Completed: July 19, 1961

Type of Well: Drilled Equipment Used: (Chooen, driven, bored or drilled)

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</th>
<th>Size and Weight of</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Drilling or Counting</td>
<td>Feet</td>
<td>Feet</td>
<td></td>
</tr>
<tr>
<td>7&quot;</td>
<td>6.500</td>
<td>0</td>
<td>27</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 12.46 feet.

Shut-in Pressure for flowing well: 0 psi.

Pumping Water Level: 1.3 feet at 3.0 gal. per minute.

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

How Tested: [Driller] Length of Test: [Length]

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)

Lot 361 of Rainbow Sub-division of Rainbow Sub-division

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.

2195
State of Montana
County of Gallatin

Filed October 5, 1962
at 4:00 o'clock P.M.

County Clerk & Recorder

By L... T. Marron
Fees $2.00
State of Montana
County of Gallatin

Filed: May 13, 1971
at 11:10 o'clock A.M.

County Clerk & Recorder
By: (Signature)

Fee: $2.00

2367
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: ____________________________
Address: ____________________________

Date of Notice of Appropriation of Groundwater:

Date well started: ____________________ Date Completed: ____________________

Type of well: __________ Equipment Used: __________
(dig, driven, bored or drilled)

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>Depth (ft)</th>
<th>Pumping Water Level (ft)</th>
<th>Flow Test</th>
<th>Discharge (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6 3/8 OD</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>24</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: __________ feet.
Shut-in Pressure for Flowing Well: __________
Pumping Water Level: __________ feet at: __________ gpm.
Discharge in gpm: __________ gpm.

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)

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 Appropriation.
Form No. 18

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: Jake A. Badesha
Address: 123 Main St., Butte, MT

Driller: Jim Hadden
Address: Armstead, MT

Date Started: 1956
Date Completed: 1957

Location: Sec. 14 T. 25 R. 4E 1/4 sec. SE4

Type of well: Dug, Driven, or Drilled
Equipment used: Shovel & Shingle

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

Industrial [ ] Drainage [ ] Other [ ]

Casing: 4 ft. to 12 ft. Type Wood Size 4" x 4"

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

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

Perforated or screened: Ft. ______ to Ft. ______ Ft. ______ to Ft. ______

Type of screen or perforations: Sandpoint

Static water level, for non-flowing well: ______ feet.

Shut-in pressure, for flowing well: ______ lb./sq. in. on: ______

Pumping water level: ______ feet at ______ gal. per min.

How tested: Pump specification

Length of test: ______

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

Remarks: (over)
<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 4'</td>
<td>Dirt</td>
</tr>
<tr>
<td>4' to 23'</td>
<td>gravel &amp; rock</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Paul Burgel
Address: 101 East Fourth
Date of Notice of Appropriation of Groundwater: __________
Date well started: __________ Date completed: __________

Type of well: ______ Equipment Used: ______
(dig, driven. bored or other)

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

Indicate on the diagram the character and thickness of the different strata not with in drilling, such as soil, clay, 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 12 feet.
Shut-in Pressure for flowing Well ______
Pumping Water Level ______ feet at ______ gal. per minute.
Discharge in gal. per min. of flowing well ______
Flow Test Pump ______ Length of Test ______

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

Driller's License Number ______
Driller's Signature ______

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

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

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

Filed: 5th May 1964
at 12:50 o'clock

[Signature]

By: [Signature]

Fee $2.00

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

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

ROBERT F. BURRELL of MT

County of

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

1. Name of Appropriator
2. Address
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, well, 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: Robert F. Burrell
Date: 11-13-62

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

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

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

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

William C. Olson
(Name of Appropriator)

of At 1
(Address)

Bozeman
(Town)

County of Gallatin
(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
   and small part of the garden

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

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

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:

    Charles L. Ellison of Bozeman 1st Spring Place

Signature of Owner:

Date: 28 Sep 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 Gallatin ss.
Filed September 6, 1963
at 11:30 o’clock M.

EARL WALEON

COUNTY COMMISSION RECORDER

Fee $2.00 per

#698
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1951)

**Owner:** Robert & Morris Schilling  
**Address:** Star Bar A Ranch, Butte

**Driller:** Potte Drilling and Well  
**Address:** R.F.P., Roseman, Butte

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

<table>
<thead>
<tr>
<th>Date well started</th>
<th>Date completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUNE 15, 1969</td>
<td>JUNE 15, 1969</td>
</tr>
</tbody>
</table>

**Type of Well Drilled:**

- **Equipment Used:** cable tool
- **Drilled: (Cemented, hot or drilled)**

**Water Use:**

- Domestic  
- Municipal  
- Stock  
- Irrigation  
- Industrial  
- Drainage  
- Other

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Shown in Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Elev. above sea level)</td>
<td></td>
</tr>
<tr>
<td>0 - 11 feet</td>
<td></td>
</tr>
</tbody>
</table>
- Charnose, dirty sands and gravel |
| 9 feet | Static Water Level |
| 11 - 39 feet | Fine Lees and Gravel |
| 39 - 41 feet | Sheet Sand and Gravels |

**Top of Ground**

- **Static Water Level**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 6&quot; Tie D.</td>
<td></td>
<td>41</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for Non-Flowing Well**

- **Shut-in Pressure for Flowing Well**
- **Pumping Water Level:** 10 feet at 60 gallons per minute.
- **Discharge in gal. per min. of flowing well:**

**How Tested:**

**Length of Test:**

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

**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).

**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, these copy to be returned by driller.

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

**Driller's License Number:**

**Driller's Signature:**

---

**Date:**

- OCT 15, 1969

---

**Approved Stock Form—Stone Publishing Co., Helena, Montana—G.O.**

---

**County:**

- Faltina

---

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

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

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

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

State Engineer

David P. Vaughan
Secretary

1. Mary Vaughan Milhomman, or, Willow Way, Roseau, Montana
(Name of Appropriator) (Address) (Town)
County of Galtata 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, stockwater, and irrigation.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Since approximately 1900, continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 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: Portions of the 40 acre tract as shown on the accompanying map, owned by the appropriator.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pumped from wells as shown on diagram.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
   
<table>
<thead>
<tr>
<th>Well</th>
<th>Date of Construction</th>
<th>Date of Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1900</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1949</td>
<td></td>
</tr>
</tbody>
</table>

8. The depth of water table: 12 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: 
   
<table>
<thead>
<tr>
<th>Well</th>
<th>Type</th>
<th>Size</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>dug 16 ft deep</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>drilled to 31 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

Signature of Owner: 

Date: 

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

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

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

Filed December 17
at 11:32 a.m. 1963

EARL WALTON

Fee $2.00 pd
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator**: [Name]  
   **Address**: [Address]  
   **Town**: [Town]  
   **County of**: [County]  
   **State of**: [State]  

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

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

2. The beneficial use on which the claim is based: **Home and farm use and watering livestock**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1874 and continuous since**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **12 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: **[Details]**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1874**

8. The depth of water table: **12 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: **[Details]**

10. The estimated amount of groundwater withdrawn each year: **288,000**

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

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: **[Details]**

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

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

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

Original to the County Clerk and Recorder: Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
1422
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: J. D. Walker Ranch

Address: State Route 3010

Bozeman, Montana

Date well started: April 29, 1971

Well completed: May 25, 1971

Type of well: Drilled

Equipment used: Cable tool

Water Use: Domestic

*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 Discharge Rate</th>
<th>Size of Diameter of casing</th>
<th>From (ft)</th>
<th>To (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 in.</td>
<td>17½ in.</td>
<td>20½ in.</td>
</tr>
</tbody>
</table>

PERFORATIONS

N

<table>
<thead>
<tr>
<th>W</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>H</td>
</tr>
</tbody>
</table>

Static water level: 28 ft

Pumping water level: 30 ft
drawdown: 2 ft per minute
measured: 2 minutes after pumping began.

Water level: 26 ft

Well developed by: Pump

Power: 2 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: W. T. Strong

Driller's Address: Strong Drilling and Developing

Route 1, Bozeman, Montana

LICENSE NO. 150
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RALPH R. SIMS and AUDREY LEE SIMS, husband and wife,
(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: domestic and culinary use and water for livestock 5 wells

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1. 1930; 2. 1941; 3. 1942; 4. 1944; 5. 1952; and continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8,800 gallons per day.

5. If used for irrigation, give the arrange and description of the lands to which water has been applied and name of the owner thereof: no irrigation, except lawn and garden space comprising less than 50 acres.

6. The means of withdrawing such water from the ground and the location of the well or other means of withdrawal: All five wells have electric pumps and the location of the wells are marked on the plat above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1. 1930; 2. 1941; 3. 1942; 4. 1944; 5. 1952.

8. The depth of water table: 1. 42 ft; 2. 44 ft; 3. 21 ft; 4. 21 ft; and 5. 73 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: All wells have six-inch casing to the entire depth of the well. The deeper wells have submersible pumps and the shallow wells have shallow-well pumps.

10. The estimated amount of groundwater withdrawn each year: 8,800 gallons per day average.

11. The log of formations encountered in the drilling of each well if available: none available.

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

Signature of Owner
Date: December 11, 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 Gallatin  

Filed December 31, 1963

at 12:15 o'clock P.M.

Fred Waller  
COUNTY CLERK & RECORDER

By:  
SHERIFF

Date: 
7-22-64
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1955

Ralph R. and Audrey Lee Sims
Owner, Husband & wife Address:

Contractor (if any): none
Address of Contractor: none

Date Started: June 1955, Date Completed: June 1955

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Ditch constructed 4 feet wide 45 feet deep, from the South line of said section, in a general northerly direction along the center line of the West Half of said section, and from the northeast corner of the Northeast Quarter to the Southwest Quarter in a northwesterly direction to the northeast corner of said quarter of said section, ditch produces an average of 2 cm. deep second of time constantly, which is used for irrigation through pump and sprinkler system.

Used during entire irrigation season each year, estimate approximate lengths of periods of use. Complete 80 inches, miners measurement, of water, constant flowing and is used to irrigate the West Half of said Section 25.

Signature of Owner: ____________________________
Date: December 30, 1965

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

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

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

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

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**STATE WATER CONSERVATION BOARD**

**DEVELOPED AFTER JANUARY 1, 1962**

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

---

**Owner:** Esther E. Ward

Address: Rosalia, Mont.

**Driller:** M. E. Jones

Address: Rosalia, Mont.

---

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

Date of Well started: 9/18/69

Date completed: 9/30/69

---

**Type of well:** Drilled

**Equipment used:** (Spade, driven, bored or drilled)

**Water use:** Domestic □ Municipal □ Irrigation □

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.

---

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

6 feet

Shut-in Pressure for flowing well

Pumping Water Level

371 feet

Discharge in gal. per min. of flowing well

How Tested: Pump

Length of Test: 1 hour

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

---

**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).**

---

This form is 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 driller.

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

Driller's Signature: [Signature]

Driller's License Number: [Number]

---

(Continue on reverse side)
State of Montana
County of Cascade
Filed April 6, 1970
at 14:30, exactly 2:00 P.M.
By:

Fee $ .10

RECEIVED
APR. 7, 1970

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

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>Name of Appropiator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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: **Continuous use as owner since 1938**

4. The amount of groundwater claimed (in minor’s inches or gallons per minute): **5,000 gallons per minute (gpm)**

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

   **Reach 1: 10 acres, Reach 2: 20 acres, Reach 3: 30 acres**

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

   **Proposed: Wells located at buildings, ditch flow.**

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: **40 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:

   **Wells are drilled 100 ft deep.**

10. The estimated amount of groundwater withdrawn each year: **No record.**

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

12. 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:

   **Location of wells and general description of formations encountered.**

---

Signature of Owner: **Palm**
Date: **Dec. 30, 1962**

---

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

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

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

3873
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: 1/30/63
Owner: Joe P. Arbello
Address: 834 Main St.
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.

Free flowing water
Spring?
Well?

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 inches

indication: used for
irrigation 4 months out of the year

Signature of Owner: Joe P. Arbello
Date: 1/30/63

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 CODES
OFFICE OF STATE ENGINEERS

Notice of Completion of Groundwater Appropriation

Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Location is marked by X on plat below

X marks location of Stock water spring plus sign marks location of home where domestic, culinary and stock water is located.

Date of Appropriation of Groundwater 1883
Louis J. Kamps and Agnes Kamps, Husband and Wife
Address Star Route, Bozeman, Montana

Contractor (if any): none

Address of Contractor: none

Date Started 1883 Date Completed 1883

Describe means of obtaining groundwater without a well: Day by day irrigation and other natural processes. Include depth to water when applicable: Enlarged spring which flows into a large livestock water tank. Depth about six feet deep.

Enlarged spring on Section 28, 33 which flows into a large tank and is pumped by hydraulic ram to the house occupied as a dwelling by undersigned. This has been used since 1883 for domestic and culinary purposes, and irrigation of lawn and garden also for livestock water; about 2500 gallons per day, every day. Quantity of water is agreed to and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Use is constant.

Actual use of the spring water from Section 33 is 2500 gals. per day.

Signature of Owner

Date December 27, 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: 1898
Louis J. Kempe and Agnes
Owner: Kempe, Star Route, Bozeman, Montana.

Contractor (if any): none
Address of Contractor: none

Date Started: 1898; Date Completed: 1898

Describe means of obtaining groundwater without a well “as by
sub-irrigation and other natural processes”. Include depth to
water when applicable. Enlarged spring, plus two
large watering troughs, plus earthen reservoir.

Approximately 12 feet in depth

Quantity of water developed and used, with explanation of
method used to measure or estimate such amount. If use is intermittent
250 gallons per hour (measured by weir)

Estimate approximate lengths of periods of use. Use is constant.
All of the flow of this spring is used for
watering livestock that grazes on this and
adjacent land owned by undersigned.

Signature of Owner: Louis J. Kempe
Date: December 27, 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 Approprietor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1964)

Louis J. Kemps and Agnes Kemps,
husband and wife,

1. of Star Route, Boxeman, Montana,

(Address)

County of State of Gallatin Montana

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

2. The beneficial use on which the claim is based domestic and cul-
inary use and for livestock water.

3. Date or approximate date of earliest beneficial use; and how continu-
ously the use has been. Spring of 1912, and used continuously each day of the year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons per hour

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

Louis J. Kemps and Agnes Kemps, owners

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By means of a well with electric pump into a cistern and two large water containers.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Commenced and completed in 1912.

8. The depth of water table 280 feet, depth of well 320 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. 2 1/2 inch metal pipe 320 feet depth

10. The estimated amount of groundwater withdrawn each year 2,400 gallons per day. each day of the year.

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 set, including reference to book and page of any county record. nothing more available than stated above.

Signature of Owner

Date Dec. 27, 1963

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

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

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

(Under Chapter 237 Montana Session Laws, 1961)

**Date of Appropriation of Groundwater**: Dec 31, 1963

**Owner**: George Johnson  
**Address**: St. M. Regina

**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: stream, river, seepage, or ground flow from spring.

**Quantity of water developed and used with explanations 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**: George Johnson  
**Date**: Dec 31, 1963

---

This form is 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; Triplet to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Andrew Taft
Address: Benjamin Road

Driller: Pete Drilling
Address: Benjamin Road

Date of Notice of appropriation of groundwater:

Date well started: Aug 26, 1961
Date completed: Aug 26, 1961

Type of well: Drilled
Equipment used: Pump
(Dug, Driven, bored or drilled)

Water use:
Domestic ☐
Municipal ☐
Stock ☐
Irrigation ☐
Industrial ☐
Drainage ☐
Other ☐

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

<table>
<thead>
<tr>
<th>Size of</th>
<th>She and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Weight of Core</td>
<td>Feet</td>
<td>Feet</td>
</tr>
<tr>
<td>10&quot;</td>
<td>10-14</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 1 feet.
Shut-in Pressure for flowing well:
Pumping Water Level: 5 feet at 45 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Back
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.

(Continue on reverse side)

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).

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, these 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:

150

44, 051
STATE OF MONTANA
COUNTY OF Gallatin.

Filed April 11th, 1960
at 10:30 o'clock A.M.

By Perry Rose, Recorder

Fee $2.00
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County of

Declaration of Vested Groundwater Rights

(Name of Appriopriator)
(Address)

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

1. The beneficial use on which the claim is based

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

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

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

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

6. The depth of water table

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

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.
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Hallack</td>
</tr>
<tr>
<td>State Engineer</td>
<td></td>
</tr>
<tr>
<td>Owner</td>
<td>Anna Moore</td>
</tr>
<tr>
<td>Address</td>
<td>Ft. Yes.</td>
</tr>
<tr>
<td>Driller</td>
<td>Harold Albert</td>
</tr>
<tr>
<td>Address</td>
<td>Ft. Yes.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Oct 10, 61</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Oct 20, 61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 34 T. 2 S R. 4 E, sec. 5 E 4, NW 4</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Chain</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing</td>
<td>4 ft. to 28 ft.</td>
</tr>
<tr>
<td>Casing</td>
<td>4 ft. to 28 ft.</td>
</tr>
<tr>
<td>Casing</td>
<td>4 ft. to 28 ft.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>5 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>5 feet at 80 gal. per min</td>
</tr>
<tr>
<td>How tested</td>
<td>Bailey</td>
</tr>
<tr>
<td>Length of test</td>
<td>1 ft.</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</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)

W. Osa Olson  of Star Route, Bozeman
(Address)
County of Gallatin  State of Montana

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

2. The beneficial use on which the claim is based.
   Home use and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1920 well, 1897 well.

4. The amount of groundwater claimed (in miner's inches or gallons per minute), 15 gallons in all springs, pools, and 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.

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.
   8 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.
   No. 2, 8 ft. deep, 5 in. casing.

10. The estimated amount of groundwater withdrawn each year.
   3,884,000

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: W. O. Olson
Date: Jan. 5, 1963

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

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

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

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

1. Florence Jones Walker
   (Name of Appropriate)

2. The beneficial use on which the claim is based:
   (crop irrigation)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1972-1979, and continued

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   (Pump, electric pressure pump)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1972

8. The depth of water table: 1st well 10 ft, 2nd well 12 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...drilled wells with...50 ft deep.

10. The estimated amount of groundwater withdrawn each year: 12,000 gallons

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 references to book and page of any county record: none

Signature of Owner: Florence Jones Walker

Date: 1/31/63

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: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
State of Montana  
County of Gallatin  

Filed (Sec) 50  
5:00 o'clock  

Clerk Hallon  
COUNTY TREASURER  

1423  

By  

Fee $
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Ivan Waid, (Name of Appropriator)
of Stai Route Bozeman (Address)
County of Gallatin, 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
   livestock & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1913.
   1913 Used Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1,550 Gal. Per Hr. Pump: 2,500 Gal. Pump Used Can Be Run Continuously Without Running Out of Water

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.
   Irrigated 10 acres, Pumped into ditch for livestock in distant pasture

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well 1 has auger without casing. Pumps 300 Gal. Well 2 has manual control. Pumps 600 Gal. for each.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Wells 1 & 2 - 1913. Well No. 3 - 1925.

8. The depth of water table. June, July avg. 2 ft. March 1st.

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. Wells 1 & 2 were drilled & cased with steel casing. Wells 3 & 4 were drilled & cased with wood casing.

10. The estimated amount of groundwater withdrawn each year. I haven't kept record.

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: Ivan Waid
Date: Dec 30, 1963

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

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

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

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

Ivan Ward
(Name of Appropriator)

State Route
(Address)

County of
(Gallatin)

Bozeman
(Town)

State of
(Mont)

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1932, as follows:

1. Name of Appropriator
2. The beneficial use on which the claim is based: Livestock household and irrigation
3. Date or approximate date of exact beneficial use and how continuous the use has been: Continues since 1968
4. The amount of groundwater claimed, (in cubic yard, inches or gallons per minute): Flow 350 gal/hr. If needed
   Continuously
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 14 acres, Melvin and Orval
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Automatic submersible, pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1919 - dug by hand; 1929, metal casing
8. The depth of water table: 1st June 11
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled with metal casing
10. The estimated amount of groundwater withdrawn each year: All needed no record
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: Ivan Ward
Date: Dec 30 1963

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

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

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938
Owner Ivan Ward Address Bozeman, Seat Ro.
Contractor (if any) None
Address of Contractor X
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.

Spring 1 15 inches in March 200 150/
" 2 10 " " " " " 150-140
" 3 50 " " " " " 300-
Sub-irrigation increases flow in summer

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: used 3 months in dry seasons, less in wet seasons.

Water measured in ditches while irrigating Springs x Seepage flow into W. Gallatin River

Signature of Owner

Date Dec 30 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.
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 307 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1913
Owner: Ivan Ward
Address: Bozeman State Rd
Contractor (if any): None
Address of Contractor: X

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. *Spring is developed by sub-irrigation. Starts flowing in June, goes dry in December. Flows 150 miners inches at peak.*

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: During dry years 3 months, wet years less. Used to flood irrigate measured in inches while irrigating.

Signature of Owner: Ivan Ward
Date: Dec 30, 1964

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

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
</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.
   

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: July 17, 1963

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

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

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

WATER WELL LOG

| Location: Sec 36 T 28 R 46 | Date Started: 06-27-57 | Date Completed: 07-28-57 |

Type of well: Drilled

Equipment used: Cable Tool

Water use: Stock

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Depth</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Perforated or Screened: From ft. to ft.

Type of Screen or perforations: 

Static water level, for non-flowing well: 10 feet

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

Pumping water level: 3 ft.

Flow tested: 115 gpm

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>0-33</td>
<td>Sand, gravel, bedrock</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank James Bridgewater of Route 1, Bozeman
   (Name of Appropriator) (Address) (Town)

   County of Gallatin State of Montana

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

   ![Map of groundwater appropriation]

   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 Drinking; Household use; Irrigating lawn and garden;
   Watering stock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Exact date of initial use is
   unknown. Rather difficult to approximate as well is very old.

4. The amount of groundwater claimed (in minor feet or gallons per minute) 200 gal. 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
   Used for irrigating lawn and garden. Total feet used in irrigating: 500 X 3 feet.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well pump
   located under the house.

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

8. The depth of water table. 25 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. Cased well is about 35 to 40 feet deep.

10. The estimated amount of groundwater withdrawn each year. One million gallons per year

11. The log of "...material encountered in the drilling of each well if available. None available.

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

   Signature of (Name of Appropriator)
   Date: 12-29-63

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.
Filed December 30 1963
at 9:13 o'clock A.M.

Faye Wilcox
COUNTY CLERK & RECORDER
By Helma Field
DEPUTY
Fee $ 2.00
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:

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: House Use and Garden Irrigation

3. Date or approximate date of earliest beneficial use: Mar 1921

4. The amount of groundwater claimed (in miner's, inches, or gallons per minute): seven and one half 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:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Hand Pump 1920

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

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: D. L. Lopenhauser

Date: Dec 23, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana
County of Gallatin
Filed: Dec 23, 1905
at 8:52 o'clock A.M.

Coast Halling
CLERK OF COURT & RECORDER

By: [Signature]
Deputy

Fee $2.75
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Margaret E. Lee
(Name of Appropriator)  Bozeman
(Address)  (Town)

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

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

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

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

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 at which the 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: Margaret E. Lee
Date: Dec 30, 1963

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

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

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

Owner: Dell A. Bosma
Address: Pado 1

Date of Notice of Appropriation of Groundwater:
Date well started: Oct. 28, 1963
Date completed: Oct. 31, 1963

Type of well:
Equipment used:

Water Use:
Domestic
Municipal
Industrial
Other
Irrigation

Describe the strata met with in drilling, such as silt, 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>Hole</th>
<th>Depth (Feet)</th>
<th>Flow Rate (gpm)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>18.87</td>
<td>10</td>
<td>Water Use: Domestic</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well:
Shut-in Pressure for flowing well:
Pumping Water Level:
Discharge in gpm of flowing well:

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.)

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)

Name of Appropriator: Charles L. Page
Rt. I, Bozeman, Mont.

County of Gallatin 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: Swimming Pool.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1868.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 ft. Bozeman Hot Springs.

5. If used for irrigation, give the arrange and description of the lands to which water has been applied and name the owner thereof: 10 Acres.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawals of groundwater: 1868.

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: Drilled to 10 feet and used as hot water supply.

10. The estimated amount of groundwater withdrawn each year: 20,000,000.

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

Signature of Owner: Charles L. Page
Dec. 31, 1963

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

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

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