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<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tr>
<td>3</td>
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<td>Wl</td>
<td>4257</td>
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<td>4</td>
<td>Chubeka, J.C.</td>
<td>Wl</td>
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<td>4</td>
<td>Ivie, Lloyd &amp; Frances</td>
<td>Wl</td>
<td>4257</td>
<td></td>
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<tr>
<td>5</td>
<td>Ivie, Raye &amp; Estelle</td>
<td>Wl</td>
<td>4257</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Ivie, O Dellie</td>
<td>GW13</td>
<td>910747</td>
<td></td>
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<td>7</td>
<td>Ivie, O Dellie, Edith</td>
<td>GW7</td>
<td>910874</td>
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<td>8</td>
<td>Mainwaring, Elizabeth</td>
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<td>721498</td>
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<td>8</td>
<td>Mainwaring, Elizabeth</td>
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<td>721498</td>
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<td>Wl</td>
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<td>GW14</td>
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<tr>
<td>Date Started</td>
<td>3-3-1ANR.24E.27</td>
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<td></td>
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<tr>
<td>Date Completed</td>
<td>4-22-1ANR.24E.27</td>
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<tr>
<td>Type of well</td>
<td>Lug.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td>Corrugated</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Form No. 18

| T. | 9 | R. | 34 E |

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner
Address

Driller
Address

Date Started
Date Completed

Location: Sec. 4 T, S2 E 34 E Sec. 36N1 E 4

Type of Well

- Hand Pump
- Equipment used
- (Aug, driven, or drilled)
- (Churn, drill, rotary, other)

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: 23 feet

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

Pumping water level: 35 feet at 300 gal./per/min.

How tested: Pump tested

Length of test

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

**Owner:** JVC, Lloyd & Frances  
**Address:** Acton, Mont.

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

**Location:** Sec. 4, T. M. R. 24E, Sec. 5, 5E

---

**Type of well:** Dug, Driven, or Drilled  
**Equipment used:** Churn, Drill, Rotary, etc.

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

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

**Perforated or screened:**  
**Type:**  
**Size:**

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

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

**Pumping water level:** ___________ feet at ___________ S.P.  
**How tested:** ___________

**Length of test:** ___________

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

**Walled up with rock depth approx. 20 ft.**

---
Form No. 18

Montana Bureau of Mines and Geology
Helena, Montana
WATER WELL LC.

Owner: Ivy, Lloyd + Frances

Driller: 

Date Started: Homestead Day

Location: Sec. 4, T. 44N, R. 94E

Type of well: Lug

Equipment used: Churn, drill, rotary

Water use: Domestic [x] 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 at __ ft. to __ ft. __ ft. __

Type of screen: perforations __

Static water level, for non-flowing wells: __

Shut-in pressure for flowing well: __ psi/ft. in. on: __

Pumping water level: __ feet at __ gal./min.

How tested:

Length of test:

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

Wells stop with rock - Well depth approx. 30'.
**WATER WELL LOG**

Owner: PAYE + ESTELLE IVIE  
Address: 2517 EARL LANE  
Driller: MASON  
Address: BUTTE, MONTANA  
Date Started: 9-1961  
Date Completed: 9-61  
Location: Sec 32 T 2 N R 83 W  
Type of well: DRILLED  
Equipment used: ROTARY  
Water use: Municipal  
Casing: 1 ft. to 35 ft.  
Type: Corrugated  
Size: 20"  
Perforated: 30 to 35 feet  
Type of screen or perforations: Casing perforated  
Static water level for non-flowing wells: 20 feet  
Shut-in pressure for flowing well: ___  
Pumping water level: ___ feet at ___ gal. per min.  
How tested: ___  
Length of test: ___  
Remarks: Gravel packed around casing
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: ORVILLE LANE Address: Mile 7, MONT. 57-07
Contractor (if any)
Address of Contractor

Date Started: May 19, 1972 Date Completed: May 19, 1972

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

Natural flow

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

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 APPROPRIATION
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(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]
Completed: [Date]

Type of well: [Type]
Equipment used: [Equipment]
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe [ ]
USE: If used for Irrigation, industrial, drainage or other, explain, number of acres and location or other data (i.e., lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL: [Amount]

<table>
<thead>
<tr>
<th>Depth</th>
<th>Size and Weight of Screen</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 ft</td>
<td>Rock wall 0</td>
<td>Not Known</td>
</tr>
</tbody>
</table>

Static water level: [Depth] ft
Pumping water level: [Depth] ft

at: [GPM] gallons per minute, measured: [Minutes] minutes after pumping began.

*Measured from ground level.

Well developed by: [Driller]
Power: [HP] 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

LICENSE NO. [Number]
FILENAME:.............

ORIGI4AL

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1963)

1. Elizabeth Kinderminger
   (Name of Appropriator)
   of 224 Elm
   (Address)

   County of Yellowstone
   State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   --- 1908 --- Homestead ---
   --- Continuous use ---

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Don't know.

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:
   --- Don't know ---

8. The depth of water table: --- 10 feet ---

9. As 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:
   --- 15 feet deep, 3 feet diameter, walled up with stone ---

10. The estimated amount of groundwater withdrawn each year: Don't know ---

11. The layer 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: Elizabeth Kinderminger
Date: 12/30/63

Three copies to be filed by the owner with the County Clerk and Recorder of the
County in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will
be returned.
Original to the County Clerk/Recorder; Duplicate to the State Engineer; Triplicate
to the Montana Bureau of Mines and Geology, and Quaduplicate for the appropriator.
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:

2. The beneficial use on which the claim is based
   - on household use for stock

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

4. The amount of groundwater claimed (in miner's
   inches or gallons per minute)
   - Don't know

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
   - Approx. 12 feet

9. So far as it may be available, the type, size and depth of each well or the general
   specifications of any other works for the withdrawal of groundwater
   - 30 feet deep, three 10 inches, 12 feet
   - 20 feet deep, four 10 inches, 12 feet

10. The estimated amount of groundwater withdrawn each year
    - Don't know

11. The log of formations encountered in the drilling of each well if available
    - Don't know

12. Any 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

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 & 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 Yellowstone.

This instrument was filed in my office
this __ of ____, 19__
at 9:43 o'clock A.M.

Edmon S. Redding,
County Clerk & Recorder

By ___________ Deputy
State Engineer

Owner: John Uhrich, Address: Butte, Montana

Driller: L.E. Anderson, Address: 

Date Started: December 1, 1929, Date Completed: Nov. 5, 1929

Location: Sec. 16 T. 41 N. R. 96 E. Sec. drilled: Churn Drill

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

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

Industrial [X] Drainage [ ] Other: 

Casing: 0 ft. to 24 ft. Type: [X] Iron Size: 6 inch

Casing: 24 ft. to 66 ft. Type: [X] Iron Size: 

Casing: 66 ft. to 84 ft. Type: [X] Iron Size: 

Perforated or screened: Ft. ____ to Ft. ___ 

Type of screen or perforation: 

Static water level for non-flowing well: 50 feet.

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

Pumping water level: 224 feet at 21/2 gals. per. min. 

How tested: Machine Baler

Length of test: 

Remarks: (Gravel packing, cementing, packers, type or shut-off, depth of shut-off, depth)
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1913

Owner: [Name]
Address: [Address]

Contractor (if any): [Name]
Address of Contractor: [Address]

Date Started: [Date]
Date Completed: [Date]

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

Naturally Seeped

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

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

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

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

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

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

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

(Under Chapter 287, Montana Session Laws, 1961)

1. **[Name of Appropriator]**
   - **Address**
   - **Town**

   County of ______________________ State of Montana

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

---

**Signature of Owner**

Date: ____________

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

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

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

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

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner
Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriate.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner: Harold Coakley</th>
<th>Address: Box 1774</th>
</tr>
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<tbody>
<tr>
<td>Driller: Clyde Landis</td>
<td>Address: 1143 Willow, Billings</td>
</tr>
<tr>
<td>Date Started: July 17, 1959</td>
<td>Date Completed: July 20, 1959</td>
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<td>Location: Sec. 36 T 2 R 24 E 1/4</td>
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<table>
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<tr>
<th>Type of well</th>
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<tbody>
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<td>Drilled</td>
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<table>
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<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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<table>
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<tr>
<th>Casing:</th>
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<th>ft.</th>
<th>Type</th>
<th>gpm</th>
<th>Size</th>
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<tr>
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<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
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</thead>
<tbody>
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</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Ft. to</th>
<th>ft.</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

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>
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<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>0 - 18</td>
<td>soil</td>
</tr>
<tr>
<td>18 - 40</td>
<td>shale</td>
</tr>
<tr>
<td>40 - 60</td>
<td>sand rock</td>
</tr>
</tbody>
</table>
**Form No. 18**

**WATER WELL LOC.**

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Owner**: Ivie, Raye J. Stetler

**Type of well**: Dug

**Equipment used**: (Dug, driven, or drilled)

**Date Started**: Homestead

**Date Completed**: Homestead

**Type of well**

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

**Casing**: 1 ft. to 24 ft. Type **Steel** Size 4"

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

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

**Perforated or screen**: ft. to ft. Type Size

**Type of screen or perforations**: 

**Static water level**, for non-flowing well: ft.

**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-offs)

---
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Bar Diamond Ranch</td>
<td>GW1</td>
<td>845361</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Clark, James R.</td>
<td>GW1</td>
<td>732037</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 287, Montana Session Laws, 1961)

Owner: Bar Diamond Ranch
Address: Route 3, Alexander Road, Billings

Driller: Clyde Sando
Address: 1552 Dickey Rd., Billings, Montana

Date of Notice of Appropriation of Groundwater: 6-30-69

Date well started: 6-19-69
Date completed: 6-30-69

Type of well: 6" drilled
Equipment used: cable tool

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 (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6' 8&quot; surface pipe</td>
<td></td>
<td></td>
<td></td>
<td>5' from bottom</td>
</tr>
<tr>
<td>70' - 6&quot; surface</td>
<td></td>
<td></td>
<td></td>
<td>70' perforated</td>
</tr>
<tr>
<td>11&quot; black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 55'
Shut-in Pressure for flowing Well: 50' gpm
Pumping Water Level: 50' gpm
Discharge in gal. per min. of flowing well: 100 gpm
How Tested: bailer
Length of Test: 14 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) will be gravel-packed.

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.
## DRILLER'S LOG

**Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.**

### 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:** JAMES P. CLARK

**Address:** ACTION File 958097

**Montana:**

**Date well started:** 4-9-73

**GW 1:** 1:00 P.M.

**Date well completed:** 4-12-73

**Type of well:** D R A I L E D

**Equipment used:** P R O T A N E

**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).*

<table>
<thead>
<tr>
<th>From (ft)</th>
<th>To (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.10</td>
<td>105.50</td>
</tr>
<tr>
<td>10.50</td>
<td>59.00</td>
</tr>
<tr>
<td>30.00</td>
<td>75.00</td>
</tr>
</tbody>
</table>

### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Diameter (in)</th>
<th>Flow (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>2+120</td>
</tr>
<tr>
<td>6</td>
<td>2+120</td>
</tr>
</tbody>
</table>

| Static water level | 30 ft. |
| Pumping water level | 112.5 ft. |

*Measured 2.5 gallons per minute, measured 3 minutes after pumping began.*

Well developed by **A.M.**

Power: **N.A.** Pump: **N.A.**

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

**License No. 121:**

---

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

**Driller's Signature:**

**Driller's Address:** 3811 19th Ave Drive

**License No. 121:**
STATE OF MONTANA, ss.
County of [insert county]

The instant warrant was filed in my office
this [insert date] day of APR 18 1933,
at 1:00 o'clock P.M.
MERRILL M. KLEINBROD
County Clerk & Recorder

By [signature]
Deputy
## GROUNDWATER INDEX

**County**: Yellowstone  
**Twp.**: 2N  
**Rge.**: 26E

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>Bar Diamond Ranch</td>
<td>GW 2</td>
<td>800735</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Kemble, Mary</td>
<td>GW 4</td>
<td>725601</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Kemble, Mary</td>
<td>GW 4</td>
<td>J21211</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Michael, George</td>
<td>GW 2</td>
<td>J78589</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Atwood, W. G.</td>
<td>GW 2</td>
<td>812575</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Atwood, W. G.</td>
<td>GW 2</td>
<td>J72168</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Cunningham, Corale</td>
<td>GW 2</td>
<td>783467</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Cunningham, Corale</td>
<td>GW 2</td>
<td>J783467</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Vegan, William</td>
<td>GW 2</td>
<td>785786</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Wilkie, Edna J. Wm.</td>
<td>GW 2</td>
<td>678854</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Wilkie, Edna J. Wm.</td>
<td>GW 2</td>
<td>678854</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Sloan, Robert</td>
<td>GW 3</td>
<td>847684</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Sloan, Robert H.</td>
<td>GW 4</td>
<td>847684</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Sloan, Robert H.</td>
<td>GW 4</td>
<td>847684</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Sloan, Robert H.</td>
<td>GW 4</td>
<td>847684</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Sloan, Robert H.</td>
<td>GW 4</td>
<td>847684</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Sloan, Robert H.</td>
<td>GW 4</td>
<td>847684</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Sloan, Robert H.</td>
<td>GW 4</td>
<td>847684</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961

Bar Diamond Ranch, a 2047 Pryor Lane, 
Owner, Montana Address, Billings, Montana 591
Corporation, 
Driller, Clyde Sanders Address, P.O. Box 435, Drakesville, Iowa 50220

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

Type of well: Drilled Equipment Used: Cable
(dug, drilled, bored or other)

Water Use: Domestic [] Municipal [] Industrial [] Drainage [] Stock [ ] 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.

<table>
<thead>
<tr>
<th>strata length</th>
<th>strata width</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.5 to 130 blue shale</td>
<td>6&quot;</td>
</tr>
<tr>
<td>130 to 136 black shale</td>
<td>6&quot;</td>
</tr>
<tr>
<td>135 to 225 yellow clay</td>
<td>6&quot;</td>
</tr>
<tr>
<td>205 to 230 grey shale</td>
<td>6&quot;</td>
</tr>
<tr>
<td>230 to 250 blue shale</td>
<td>6&quot;</td>
</tr>
<tr>
<td>250 to 275 black clay</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well

Shut-in Pressure for flowing well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Drilled

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.
STATE OF MONTANA
County of Yellowstone

John N. Dietrich, Jr., having first been duly sworn, deposes that he is of lawful age and is the Secretary/Treasurer of Bar Diamond Ranch, and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

BAR DIAMOND RANCH

by

Secretary-Treasurer

Subscribed and sworn to before me, this 1st day of May, 1969.

Notary Public for the State of Montana.

Residing at Billings, Montana.

STATE OF MONTANA, \{ ss. \\
County of Jefferson \}
This instrument was signed in my office 
this ____________ \{ MAY 12 \} 1969 \{ 19 \}
at 3:12 o'clock \{ P.M. \}

By: \{ J. W. SCHILD \}
County Clerk, Recorder

[Signature] \{ Deputy \}
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

1. Mary Kembel, of Rt #3 Billings
   (Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based

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 Mary Kembel
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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Mary Kembel
   (Name of Appropriator)
   of Rt # 3
   Billings
   (Address) (Town)

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

   2. The beneficial use on which the claim is based

   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 irrigative, 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

   SE 1/4 NW Sec 23 T 28 N R 26
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

   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 Mary Kembel
   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 School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Joseph W. Michael
Address: 302 E. 38th St.

Driller: Adeoph Consen
Address: 1620 Filer Ave.

Date of Notice of Appropriation of Groundwater: Jan 14, 1966

Date well started: July 7, 1966
Date Completed: July 17, 1966

Type of well: Bored
Equipment Used: Chisels (drill, driven, bored or other)

Water Use: Domestic ☐  Domestic ☐ Other ☐ Irrigation ☐
Municipal ☐  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 Defined Hole</th>
<th>Size and Weight of Cutting</th>
<th>From to Top (Foot)</th>
<th>From to Elevation (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/2</td>
<td>9 x 9</td>
<td>150</td>
<td>130</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 75 ft from bottom.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 135 ft at 12.5 gals. gal. per minute.
Discharge in gal. per min. of flowing well:

How Tested: static
Length of Test: 150 ft.

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.
STATE OF MONTANA.

County of Yellowstone.

This instrument was filed in

this, June 14, 1918, at 10 o'clock a.m.

Edmon S. Helling,
County Clerk & Recorder.

By /s/ (Signature) Deputy 1

200
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 257, Montana Session Laws, 1961)

Owner: Mike R. Atrogehu
Address: 406 W. 11th St., Bozeman, MT

Driller: Roy L. Peace
Address: 2115 Elkhorn Dr.

Date of Notice of Appropriation of Groundwater: January 1, 1959

Date well started: January 1, 1959
Date completed: January 1, 1959

Type of well: Drilled
Equipment Used: Cast Iron

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

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

How Tested: Static
Length of Test: 10

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

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

Show exact depth of bottom.

Driller's License Number: 123
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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under 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

From 0 ft. to 1 ft. - top soil
1 ft. to 30 ft. - brown sandy shale
30 ft. to 38 ft. - sand rock
38 ft. to 67 ft. - dark shale
67 ft. to 73 ft. - dark sand rock
73 ft. to 130 ft. - dark shale
130 ft. to 160 ft. - light gray sand rock
160 ft. to 170 ft. - gray sand rock
170 to 215 ft. - dark gray sand
215 to 220 ft. - dark shale

Type of well: Drilled

Equipment Used: Cable Tools

Water Use: Domestic □ Municipal □ Other □ Irrigation □
Industrial □ Drainage □ Stock □

Static Water Level for non-flowing well... 43 ft. from surface....feet.

Shut-in Pressure for flowing well...

Pumping Water Level... 200 ft. at... 20 gal. per minute.

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

How Tested: Valve Length of Test... 4 hours

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)

First water noticed 135 ft. bad water, the flow was 3 gal per min. top water cased off at 195 ft. Second water at 170 ft.

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

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

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

[Signature]
Driller's License Number

[Signature]
Driller's Signature
STATE OF MONTANA
County of Yellowstone

This instrument was filed in my office

This 9, 1923, at 8:30 o'clock A.M.

Erwin Y. Hocking
County Clerk & Recorder

By J.L. Schaefer, Deputy

200
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Robert G. and Lorraine Langelin
Address: Billings, Montana
Owner's Driller: Leroy E. Johnson
Address: 145 Lyn Aye, Billings, Montana
Date of Notice of Appropriation of Groundwater
Type of Well: Drill
Equipment Used: Cable tools

<table>
<thead>
<tr>
<th>Depth of Top of Ground</th>
<th>Water Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 ft to 1 ft</td>
<td>Domestic</td>
</tr>
<tr>
<td>To 1 ft to 2 ft</td>
<td>Municipal</td>
</tr>
<tr>
<td>To 2 ft to 10 ft</td>
<td>Industrial</td>
</tr>
<tr>
<td>To 10 ft to 20 ft</td>
<td>Drillage</td>
</tr>
<tr>
<td>To 20 ft to 40 ft</td>
<td>Stock</td>
</tr>
</tbody>
</table>

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.

### Perforations

<table>
<thead>
<tr>
<th>Pipe Diameter (inches)</th>
<th>Length of Test (Feet)</th>
<th>Flow Rate (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>300</td>
<td>200</td>
</tr>
<tr>
<td>8</td>
<td>250</td>
<td>200</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 50 feet.
Shut-In Pressure for Flowing Well: 40 psi.
Pumping Water Level: 200 feet at 4 gpm.
Discharge in gal. per min. of flowing well: 40 gpm.
How Tested: Driller
Length of Test: 4 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

This form to be prepared by driller, and three copies to be 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)

Owner: William R. Votz
Address: Billings, Montana

Driller: Great Northern Driller
Address: Billings, Montana

Date of Notice of Appropriation of Groundwater: 7-1-66
Date well started: 6-21-66

Type of well: Drilled
Equipment Used: Other

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole (in)</th>
<th>Size and Weight of Casing (in)</th>
<th>From (ft)</th>
<th>To (ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>7-17</td>
<td>0</td>
<td>350</td>
<td>Slotted</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>150</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>225</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>275</td>
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<tr>
<td></td>
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<td>575</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td>625</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 90 feet
Shot-in Pressure for Flowing Well: ----- feet
Pumping Water Level: 180 feet
Discharge in gal. per min. of flowing well: 30 gal. per minute

How Tested: Ball
Length of Test: 5 hours

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)

Gravel packed from 150' to 350'
Cemented from 5' to 55'

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 Yellowstone.

This instrument was filed in my office
on the 2nd day of AUG, 1929 at 9 o’clock A.M.

Edmon S. Redding
County Clerk & Recorder

By

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: Edna Helen Wilke
Address: Route 3
Billings, Montana
Date well started: 5-3-73
Type of well drilled: Rotary
Equipment used: Rotary
Water Use: Domestic □, Municipal □, Stock □, Irrigation □,
Industrial □, Drainage □, Other □, Garden/Lawn □

Estimate Annual Withdrawal: 600,000

<table>
<thead>
<tr>
<th>Hole</th>
<th>Plastic</th>
<th>109</th>
<th>66'</th>
<th>106</th>
</tr>
</thead>
</table>

Static water level: 16 ft.
Pumping water level: 6 ft.

Well developed by: Bailer
Well developed for: 5 hours
Power: Pump
Remarks: Gravel packing, cementing

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
Each small square represents 40 acres.

Driller's Signature: Lamar Hauens
Driller's Address: 3033 Kennedy Rd, Bigs
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Anna M. Hollister and Wm. J. Bollman, by Omar Harlan, his agent of Billings,
(Name of Appropriator) (Address) (Town)

County of Yellowstone State of Montana

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

2. The beneficial use on which the claim is based is supplying water to two two-bedroom homes and baths.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since the fall of 1938 and has been in continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per month) is app. 500 gal. per month per house or 1500 gal. per month. Pumps will pump 75 gal. per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. No well water is used for irrigating. They pipe ditch water for irrigating from Billings Bench Water Association.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal is one well by means of electric operated pump in concrete pit below freezing.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well was deepened 20 ft. in 1958, but has been in continuous use since the fall of 1938.

8. The depth of water table. The water stands about 35 ft. below ground level.

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. There is only one well, 17 ft. of casing.

10. The estimated amount of groundwater withdrawn each year is 18,000 gallon per year.

11. The log of formations encountered in the drilling of each well if available. 12 ft. casing by 6" to 12 ft. to 36 ft. grey sandstone, 36 to 60 ft. grey sandstone, shale, 60 to 84 ft. hard sandstone.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record, well drilled by Loren Anderson (deceased) under registration number 43, but was never recorded.

Signature of Owner Wm. J. Bollman, Jr.
Omar Harlan, Esq.
Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
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: June 10, 1962
Owner: Robert E. Clark, Address: 124 E. B. Billings
Contractor (if any): Address of Contractor: 124 E. B. Billings
Date Started: May 23, 1962; Date Completed: June 10, 1962
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes." Include depth to water when applicable.

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

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.

Signature of Owner: Robert E. Clark, Date: Dec. 27, 1962

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 287, Montana Session Laws, 1961)

1. Robert B. Schott, of Rt 3, Alexander Rd, Billings
   (Name of Appropriator)
   (Address)
   (Town)
   County of Yellowstone, State of Montana

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

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

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). If continuous, give number of gallons per minute.

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

5. The means of withdrawing such water from the ground and the location of such wells.

6. The date of commencement and completion of the construction of the well, wells, or other means of withdrawal of groundwater.

7. The depth of water table.

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

9. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriate.  

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 287, Montana Session Laws, 1961)

1. Robert B. Schott, of Rt 3, Alexander Rd, Billings
   (Name of Appropriator)
   (Address)
   (Town)
   County of Yellowstone, State of Montana

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

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

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). If continuous, give number of gallons per minute.

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

5. The means of withdrawing such water from the ground and the location of such wells.

6. The date of commencement and completion of the construction of the well, wells, or other means of withdrawal of groundwater.

7. The depth of water table.

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

9. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriate.
697688
STATE OF MONTANA
County of [Redacted]
This instrument was filed in my office
this day of DEC 27 1962
at 11:02 A.M.

CHRIS [Redacted], County Recorder
[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Robert H. Schade, of Billings, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been before 1912.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) from 2 to 3 gallons per minute for rock 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.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: 

Date: 

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 20, 1962
Owner: Robert Slocke, Address: 414-34 Lilling
Contractor (if any): Self
Address of Contractor: 414-34 Lilling
Date Started: July 10, 1962 Date Completed: Dec. 20, 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring - by sub-irrigation and other natural processes - water within benches of surface; depth of equivalent foot from surface.

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.

Measured flow 5 to 6 gallons/minute to be used steadily for well water in normal rotation of pastures.

Signature of Owner: Robert Slocke, Date: Dec. 21, 1962

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

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

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

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