BRAACH, DONALD G.
Notice of completion of Groundwater Appropriation by Means of Well

47675

COPY

RECORDERS OFFICE
Madison County, Montana
Filed: 3 August 1972
at 9:28 a.m.

By: Deputy

Fee $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF APPROPRIATION OF GROUNDWATER
(Under Chapter 237, Montana Session Laws, 1961, as amended)

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. I, Donald G. Braach, of 1915½ Harrison Ave., Butte, MADISON County, State of MONTANA, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Domestic - Lawn & Garden

3. The rate of use in gallons per minute or miner's inches of groundwater claimed is 90 gallons per minute

4. The estimated amount of groundwater to be used annually is 730,000 gallons

5. The annual period (inclusive dates) of intended use is Jan. 1 through Dec. 31

6. The probable or intended date of first beneficial use is September 1, 1972

7. The probable or intended date of commencement and completion of the well or wells is July 25, 1972

8. The location, type, size and depth of well or wells contemplated is RAV. Lot 18 Brandon Townsite, Water 6 inch 40 feet

9. The probable or estimated depth of the water-table or artesian aquifer is 10 feet

10. The name, address, and license number of the driller engaged is Carl Y. Hollenstainer, P. O. Box 5, Dillon, MONTANA 59725

Give such other similar information as may be useful in carrying out the policy of this act

For Administrator's Use

File 42624
August 3, 1972 9:25 a.m.

Signature of Appropriator

Date

July 26, 1972

*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.
BRAACH, DONALD G.
NOTICE OF APPROPRIATION OF GROUNDWATER

COPY

RECORDER'S OFFICE
Madison County, Montana
Filed 3 August 1972
at 9:25 a.m.

[Signature]
County Recorder

By
Deputy

Fee $2.00

[Redacted text]
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

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

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

County of MADISON 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 use - household, garden, water livestock, poultry.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: February, 1962.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 320 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: Glenn and Lydia Elser, Jr.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump - Lot 24 Brandon Tract 51; Sect 14, T. 4 S, R. 3 W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started Dec. 12, 1962; completed Feb. 1, 1963.

8. The depth of water table: 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: 6 inch casing; Drilled well; 42 feet deep.

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

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

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

Signature of Owner: Glenn G. Elser
Date: June 26, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

### STATE OF MONTANA

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

1. Wesley Elser, of Sheridan, (Name of Appropriator) (Address) (Town)
   - County of Madison, 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 use**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **May 1954**

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **10 g.p.m.**

   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:
      - 3/4 H.P. jet pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **May 21, 1954**

   8. The depth of water table: **14 ft.**

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **6" G.P. well, galvanized casing, 40 ft - 5 ft open hole below casing, 12 g.p.m.**

   10. The estimated amount of groundwater withdrawn each year: **2,000,000 gal. per yr.**

   11. The log of formations encountered in the drilling of each well if available: **Gravel & boulders to 30 ft then yellow clay to 45 ft, Finished in coarse 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: Wesley Elser
   - Date: May 9, 1963

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

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

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

If 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.

Jay Dean Eubank and Hardeil F. Eubank as
Owner Joint Tenants (ROS)

Address Route 1
Steamboat Springs, Colo. 80487

Date well started May 1, 1973
completed June 5, 1973

Type of well Dug
Equipment used Backhoe
Water Use: Domestic X Municipal  Stock  Irrigation  

*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 250,000 gallons**

<table>
<thead>
<tr>
<th>Size of Diameter</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>18 in. Surface slots</td>
<td>21 ft.</td>
<td>2 in.</td>
<td>21 ft. below long surface</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>24 gauge</td>
<td></td>
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</tbody>
</table>

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<table>
<thead>
<tr>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td></td>
</tr>
<tr>
<td>SK .5 4</td>
<td>N 4</td>
</tr>
<tr>
<td>T .4</td>
<td>N 4</td>
</tr>
</tbody>
</table>

Static water level 43 ft.
Pumping water level 14 ft.
at 800 gallons per minute, measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by pumping for 24 hours.
Power electric Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
  cementing

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

Driller's Signature

Driller's Address

OWNERS - see address above

LICENSE NO. N/A

Top of Ground

(show above sea level)

---

21 ft. Show exact depth of bottom
Notice of Comp. of G.W. App. By Means of Well

NEUBANK, Jay Dean & Hardell F.

50192

RECORDER'S OFFICE
Madison County, Indiana

Filing: June 28, 1973
9:45 a.m.

Lestonie W. Walker
County Recorder

Fee: $2.00

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 2137 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.

Jay Dean Eubank & Mardell F. Eubank as
Joint Tenants (ROS)
Owner

File: 50073

Address: Route 1

Steamboat Springs, Colo. 80477

Top of Ground

Date well started: summer 1891

GW 1 94 84 2

Date completed: June 5, 1973

Type of well: dug

Equipment used: hand dug

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: 250,000 gallons

PERFORATIONS

Red Size From To

Jet N/A N/A N/A

Static water level: 6 ft.

Pumping water level: 7 ft.*

at 800 gallons per minute, measured 30 minutes after pumping
began.

*Measured from ground level,

Well developed by: pumping

for 24 hours.

Power: electric, 1 1/2 HP

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

Cementing

N

W

E

S

SE ¼ Sec. 19

T 4 N R 4 K

S

W

OWNERS - see address above

License No: N/A

Indicate location of well and place of use, if possible.

Each small square represents 40 acres.

Driller's Signature: Jay Dean Eubank

Driller's Address: Steamboat Springs, Colo.

10 ft. Show exact depth of bottom.

55771
Notice of Comp. of G. W. App. By Means of Well

EUBANK, Jay Dean & Hardall F.

RECORDS OFFICE
Monticello County, Montana
Filed June 28, 1973

2

2.00

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

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

1. Gus Lueck at Sheridan
   (Name of Appropriator) (Address) (Town)
   County of Madison State of Montana

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

   2. The beneficial use on which the claim is based: Irrigation, stockwater and domestic use.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Appropriations as of November 1, 1865 and as of April 1, 1919. See Exhibit A, attached.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). See Exhibit A, attached.

   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. See Exhibit A, attached.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Date of appropriation. See exhibit A.

   8. The depth of water table. Undetermined.

   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. See exhibit A.

   10. The estimated amount of groundwater withdrawn each year. The total available from sources described in Exhibit A.

   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: Gus Lueck
   Date: December 18, 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.
EXHIBIT A

a) Natural spring flowing into Brickyard Hollow Spring as a natural flow. Date of appropriation, November 1, 1865. Water used for domestic uses, watering livestock and irrigation of about 40 acres lying under the same. Flows about 200 inches of water, statutory measurement, per second of time.

b) Developed spring at residence of owner. Date of appropriation, April 1, 1919. Piped from spring to house, for domestic use and irrigating garden and watering livestock. Flows about 5 inches of water, statutory measurement per second of time.

c) Natural spring rising on mill site Northeast of residence of owner and flows into Mill Creek ditch of owner. Date of appropriation, November 1, 1865. Use ditch to collect and convey, flows about 25-50 inches of water, statutory measurement, per second of time.

d) All other under ground water which supplies sub-irrigation for land of owner in sections 19 and 30, Township 4S, R. 4W., M.P.M., and in sections 24 and 25, T. 5S., R. 5W., M. P. M. November 1, 1865.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Cameron G. Rust, of Sheridan, Madison County, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator: Cameron G. Rust
   Address: Sheridan, Montana
   Town: Madison County, State of Montana

2. The beneficial use or uses to which the water is being put, and the duration thereof:
   Domestic and irrigation use

3. Date or approximate date of earliest beneficial use, and how continuously the use has been continued:
   1914

4. The amount of groundwater claimed (in minutes, inches or gallons per minute):
   25 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   1/2 acre lawn and garden use

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   3/4 horse pump 14 inch pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Original dug well 1914, improved by trenching and pipe 1948.

8. The depth of water table:
   Ten 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:
   See above

10. The estimated amount of groundwater withdrawn each year:
    45,000 gal. per yr.

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

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

Signature of Owner: Cameron G. Rust
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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Cameron G. Hunt
of
Sheridan

County of
Madison

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 the 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 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 water

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
Dec. 23, 1963

Date

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

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

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

1. Cameron G. Rust of Sheridan
   - (Name of Appropriator)
   - (Address)
   - (Town)
   - County of Madison
   - State of Montana

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

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

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

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

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

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

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

   8. The depth of water table: 10 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:
   - dug well, rooked up

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

   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: Cameron G. Rust
   - 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.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

Owner: Jay Dean Eubank & Mardell F. Eubank as Joint Tenants (KOS)

Address: Rt. 1, Steamboat Springs, Colo. 80477

Contractor (if any) ... N/A

Address of Contractor ... N/A

Date Started ... 1/1/73 Date Completed ... 5/1/73

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table surface

4. Use of the water stock and irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute

6. If used for irrigation, give number of acres and description of land 5.306 acres - SE1/4 Sec. 19, T4S, R4W, M.P.M. - see plat recorded with Madison County Clerk & Recorder (Plat Book 5, pages 43, 43A, 43B & 44) Tracts 1 - 7.

7. Estimate amount of water used each year ... 250,000 gal.

8. Months of year spring flows 12 months

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Signature of Owner

Date: June 26, 1973
Notice of Comp. of G. W. App.
Without Well

EURANK, Jay Dean & Mardell F.

50194

RECORDE'S OFFICE
Madison County, Montana
Filed: June 28, 1971

at 9:50 o'clock A.M.

Deputy County Recorder

Fee $2.00
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cecil Gibson</td>
<td>Sheridan Mont.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>H. S. Kerkvliet</td>
<td>Alder Mont.</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: 2/25/62

Date well started: 2/25/62

Date completed: 7/5/62

Type of well: Drilled

Equipment used: Churn Drill

(Hand, driven, bored or churn, drill, rotary or drilled)

Water Use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; 19 lb.</td>
<td>0</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td>4&quot; 11 lb.</td>
<td>0</td>
<td>61</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 35 feet

Shut-in Pressure for Flowing Well

Pumping Water Level: 24 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well

Length of Test: 20 Minutes

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

<table>
<thead>
<tr>
<th>Driller's License Number</th>
<th>Driller's Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>93</td>
<td>J. S. Kerkvliet</td>
</tr>
</tbody>
</table>

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

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

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

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

 Kan Halse
 (Name of Appropriator)

County of Madison
State of Montana

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

1. Appropriated for stock water, domestic use, and irrigation of about five acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...April 1, 1865...

4. The amount of groundwater claimed (in miner's inches or gallons per minute). The total flow of all springs on lands...office, Madison County, State of Montana.

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. Main...stream. Use on ten acres...

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April 1, 1865.

8. The depth of water table...Rather dry...

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. See exhibit a and b for fuller explanation of these appropriations, numbers and use.

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: Halse
Date: December 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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: April 1963
Owner: James L. Tolson
Address: Sheridan, Mont.
Contractor (if any): Roy Kitson, Alder, Mont.
Address of Contractor: Alder, Mont.
Date Started: April 1963
Date Completed: April 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes"; include depth to water when applicable. excavation 120 feet wide
60 ft. long 12 feet deep

Indicate point of appropriation and place of use, if possible. Developed water is located on SW corner of Uncle Same Lode Claim Survey 10380 Madison County, Montana.

Signature of Owner: James L. Tolson
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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Mr. & Mrs. Elmer Baker

County of
State of

Mr. & Mrs. Elmer Baker

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945, water for farming. Hard, capable, about 1947, very hard. 1945, drought, 1947, good, 1948, good. 1945, drought, 1951, good.


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.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1945, in October.

8. The depth of water table: 20 ft. for the well.

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: 20 ft. Well, 1945 casing drilled, 30 ft. shallow, 1 well.

10. The estimated amount of groundwater withdrawn each year: not known.


Signature of Owner: Mr. & Mrs. Elmer Baker
Date: Dec. 30, 1945

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.
WATER WELL LOG

Owner: U.S. Forest Service  Address: Sheridan, Montana
Driller: Carl F. Hollensteiner  Address: 222 E. 8th St., Dillon, Montana
Date Started: June 16, 1958  Date Completed: June 18, 1958

Location: Sec. 9, T. 42 N., R. 3 E., Butte, Madison County

Type of well: Drilled

Equipment used: Casing, drill, other

Water use: Domestic  Municipal  Stock  Irrigation
Industrial  Drainage  Other: Forest Service Camp Ground

Casing: Surface  to 16  ft.  Type: Galv.  Size: 6 x O.D. 10 ks
Casing:  to  ft.  Type:  Size:
Casing:  to  ft.  Type:  Size:

Perforated or Screened:  to  ft.  to  ft.

Type of screen or perforations: None

Static Water level, for non-flowing well: 11 ft. feet
Shut-in pressure, for flowing well: 120 lb./sq. in. on: (date)
Pumping water level: 30 ft. feet at 8 gal. per min.

How tested: Boiler

Length of test: 2 hours

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

Owner: U.S. Forest Service  Address: Sheridan, Montana
Driller: Carl F. Bollensteiner  Address: 229 E. Oval St., Dillon, Montana
Date Started: June 16, 1958  Date Completed: June 18, 1958

Type of well: Drilled
Equipment used: Chisel-drill

Water use: Domestic  Municipal  Stock  Irrigation  Industrial  Drainage
Other: Forest Service Camp Ground

Casing: Surface ft. to 46 ft.
Casing: ft. to ft.
Casing: ft. to ft.
Perforated or Screened: Ft. to Ft. to Ft.
Type of screen or perforations: None

Static Water level, for non-flowing well: 14 ft.
Shut-in pressure, for flowing well: 14 lb./sq. in. on: (date)
Pumping water level: 25 ft. feet at 8 gal. per min.
How tested: Bailler
Length of test: 2 hours
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

LOCATION:
N 1/4 Sec. 15, T13N, R18W, M. & M. 1st P. 7th

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>Surface dirt</td>
</tr>
<tr>
<td>2'</td>
<td>Gravel and dirt</td>
</tr>
<tr>
<td>6'</td>
<td>Boulder</td>
</tr>
<tr>
<td>Thrh boulders 6'</td>
<td>Sand, gravel and dirt</td>
</tr>
</tbody>
</table>
## WATER WELL LOG

**Owner:** U.S. Forest Service  
**Address:** Sheridan, Butte, Montana

**Driller:** Carl F. Hollensteiner  
**Address:** Dillon, Montana

**Date Started:** June 13, 1958  
**Date Completed:** June 16, 1958

**Location:** Sec. 23 T. 46 S. R. 14 W.

### Type of well
- **Drilled**

### Equipment used
- **Churn Drill**

### Water use
- Domestic [ ]
- Municipal [ ]
- Stock [ ]
- Irrigation [ ]
- Industrial [ ]
- Drainage [ ]
- Other: Forest Service Camp Ground

### Casing
- Surface: ft. to ft.  
  Type: Galv.  
  Size: $6''$, O.D. $102''$

### Perforated or Screened
- Ft. to Ft.  
  Type:  
  Size:

### Static Water level
- For non-flowing well: $8'$ feet.

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

### Pumping water level
- $30'$ feet at $10$ gal. per min.

### How tested
- Bailee

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

(over)
Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>Surface dirt and brown soil.</td>
</tr>
<tr>
<td>2'</td>
<td>Sand, gravel, and boulders.</td>
</tr>
<tr>
<td>39'</td>
<td>Coarse sand and fine gravel.</td>
</tr>
<tr>
<td>42'</td>
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<tr>
<td>45'</td>
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<tr>
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<td>168'</td>
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</tr>
<tr>
<td>171'</td>
<td></td>
</tr>
<tr>
<td>174'</td>
<td></td>
</tr>
</tbody>
</table>

Mendon, County, Montana
3rd Day of May, 1941

[Signature]

1741
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Dec 1946

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

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: On February

8. The depth of water table: On February

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: 180 ft. deep

10. The estimated amount of groundwater withdrawn each year: None

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

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

Signature of Owner: Walter Bresee
Date: Dec 10, 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.
28207
Wade Broach

28207
RECORDER'S OFFICE, 
Madison County, Montana.
Filed Nov. 12, 1942
at 9:12 o'clock A.M.

PAUL S. ROONEY
County Recorder

Fee $ 5.00

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

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

Edwin Kueck
(Name of Appropriator)
Box 395, Sheridan
(Address)
Madison County, Montana
(Town)

I, Edwin Kueck, 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, Stack, Irrigation Use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Prior to 1900 (Date unknown).

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Approx. 1 acre.

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: Prior to 1900 (Date unknown).

8. The depth of water table: Approx. 26 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, Approx. 3 ft., 3 ft. deep.

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

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

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

Signature of Owner: Edwin Kueck
Date: 1/1/1962

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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level)

Owner: Gua Lueck
Address: Sheridan, Mont.

Driller: Carl P. Hollenstein
Address: Dillon, Montana

Date of Notice of Appropriation of Groundwater

Date well started

Type of well drilled
Equipment Used

Water Use:

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

<table>
<thead>
<tr>
<th>Size of Drilled 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>6&quot;</td>
<td>6&quot; I.D.</td>
<td>surface 48</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 25 feet.
Shut-in Pressure for Flowing Well.
Pumping Water Level: 35 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well.
How Tested: Bailier
Length of Test: 1 hr.
Remarks:

May request accuracy of well and place of use, if possible. Each small square represents 10 acres.

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

Show exact depth of bottom.

Mont. water well contractor License #
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 School of Mines and quadruplicate for the Appropriator.

3233
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Albert Braach
   (Name of Appropriator) of
   (Address) Sheridan
   County: Madison 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
      Water to stock and to irrigate

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      April 1927 - continually to date

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      64 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
      160 acres
      NWt Sec. 31, Twp. & South, Range 4 West, M.P.M.
      Albert Braach

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Improved spring - Natural flow, located
      SEt NWt NWt Sec. 31, Twp. & South, Range 4 West, M.P.M.
      Albert Braach

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Use started April 1927.
      Improved April 1960 to June 20, 1960

   8. The depth of water table
      Do not know

   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
      One improved spring at this location

   10. The estimated amount of groundwater withdrawn each year
      2,887,300 gallons

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

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
      No county record
      This spring has been used for beneficial use on this property since 1927

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. 160
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Dollis D. Hodges and Nellie C. Hodges

County of Madison  State of Montana

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

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

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

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

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

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. The depth of water table.

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: December 30, 1961.

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>2 W 4</td>
<td>285-43</td>
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<td>Foster, Lyella J.</td>
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<td>16</td>
<td>Flying B. Ranch</td>
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<td>Hydrone Company A</td>
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</table>
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)

MILLARD J. EASTER and JUSELLE J. EASTER,

Joint Tenancies

Norris

County of Madison

State of Montana

I, MILLARD J. EASTER and JUSELLE J. EASTER, Joint Tenancies of Norris, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Declaration of Vested Groundwater Rights

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: October 1, 1912, continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Total flow of spring in Well Section 7, T. 4S, R. 3W, M.P.M.

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: 0.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Spring forms stream from which livestock drink water.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 0.

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: 0.

10. The estimated amount of groundwater withdrawn each year: The total flow.

11. The log of formations encountered in the drilling of each well if available: 0.

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: Spring rises and is used in Well Section 7, T. 4S, R. 1E, M.P.M.

Signature of Owner: MILLARD J. EASTER

Date: December 25, 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
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: Flying D. Ranch
Address: Gallatin Gateway
Date well started: 10-18-72
Date well completed: 12-20-72
Type of well: Drilled
Equipment used: Cable tool

Equipment used: Drilled, driven, bored or drilled

Equipment used: Cable tool

Water Use: Domestic

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

Driller's Signature: Potts
Driller's Address: Potts Drilling and Developing
Route 64, Bozeman, Montana
LICENSE NO. 350

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Rate of Flow of Water</th>
<th>Rate of Flow of Water</th>
<th>Rate of Flow of Water</th>
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<tbody>
<tr>
<td>6&quot;</td>
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<tr>
<td>PVC</td>
<td>1 1/2&quot;</td>
<td>5 1/2&quot;</td>
<td>16&quot;</td>
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PERFORATIONS

<table>
<thead>
<tr>
<th>Kind of Perforation</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Static</td>
<td>10 ft</td>
<td>15 ft</td>
</tr>
</tbody>
</table>

Static water level: 10 ft
Pumping water level: 15 ft
Rates: 6 gallons per minute, measured minutes after pumping began.

Power: HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)
State of Montana
County of Gallatin

Filed Jan. 5, 1975
at 2:00 o'clock P.M.

Carl L. Studer
County Clerk & Recorder

By: Tilda L. Hall
Deputy

Fee $2.00 Pa.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

THE IRVINE COMPANY, A corporation
of Irvine, California

(Name of Appropriator)

310. State of

(Address)

(Town)

County of

Gallatin

State of

Montana

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

1. 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. domestic and for stock water, and for irrigating lawns and gardens

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1890 and continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 gallon 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. Garden and lawn only

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. 1890

8. The depth of water table. 30 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 60 feet drilled well

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

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

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

Executed by the undersigned on behalf of the owner as the lessee and agent of, and at the request of the owner, as a declaration of vested groundwater rights, which are appurtenant to the above described lands.

THE IRVINE COMPANY
C. P. Shell
Signature
Date. 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.
RECORDER'S OFFICE, 1st.
Madison County, Montana.
Filed: Dec. 31, 1969
at 6:00 O'clock P.M.
By

[Signature]

County Recorder
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Page Dary</td>
<td>57HallLog</td>
<td>16067</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Spiller, E.</td>
<td>8742</td>
<td>50168</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Kolodzey Max.</td>
<td>5743</td>
<td>38646</td>
<td></td>
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<tr>
<td>26</td>
<td>Mackel Joseph, Jr.</td>
<td>8744</td>
<td>38768</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Gudeman, Lewis R.</td>
<td>8744</td>
<td>24527</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Hertel Edward K.</td>
<td>8744</td>
<td>48366</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Mackel Joseph, Jr.</td>
<td>8744</td>
<td>38768</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Little George</td>
<td>8743</td>
<td>50149</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Little George</td>
<td>8743</td>
<td>50149</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Mackel Joseph, Jr.</td>
<td>8744</td>
<td>38768</td>
<td></td>
</tr>
</tbody>
</table>
# WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harry Hagl</td>
<td>McCallister, Mont.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. J. Zarkvilt</td>
<td>Alder, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/20/57</td>
<td>9/26/57</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>N.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1</td>
<td>2</td>
<td>6</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drill</td>
<td>Drill (Dug, driven, bored, or drilled)</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></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 52</td>
<td>Galvanized</td>
<td>4 Inch</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>ft. to 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>Perforated or Screened</th>
<th>Ft. to Ft.</th>
<th>Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 to 48</td>
<td>49</td>
<td>51</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well</th>
<th>lb./sq. in. on:</th>
<th>(date)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 ft.</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

| How tested | |
|------------||
| Bailor | |

| Length of test | |
|----------------||
| 10 Minutes | |

<table>
<thead>
<tr>
<th>Remarks</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Overburden</td>
</tr>
<tr>
<td>2 - 30</td>
<td>Clay and Boulders</td>
</tr>
<tr>
<td>30 - 55</td>
<td>Boulders, Gravel and Clay</td>
</tr>
<tr>
<td>55 - 39</td>
<td>Clay, Sand and Some Boulders</td>
</tr>
<tr>
<td>39 - 46</td>
<td>Clay and some Sand</td>
</tr>
<tr>
<td>46 - 48</td>
<td>Sand and Pine Gravel</td>
</tr>
<tr>
<td>48 - 49</td>
<td>Sand and harsh picked Sand</td>
</tr>
<tr>
<td>49 - 52</td>
<td>Sand and Pine Gravel and a little Clay</td>
</tr>
</tbody>
</table>

**Log of Well**

Recorded in the County of Montana: 

Recorded on the 1st day of May, 1900.
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 with the owner and 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: Esther E. Hartkopf
Address: F.O.B. Box 92
McAllister, Montana

Date well started: March 12, 1967
Well completed: March 20, 1967

Type of well: Drilled
Equipment used: Churn Drill
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>Diameter (In)</th>
<th>Weight of Casing (Lbs)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6.5/8</td>
<td>1' above ground</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 16 feet
Pumping water level: 31 feet
at: 40 gallons per minute, measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by: Pump for: 1 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: Milton E. Jones
Driller’s Address: 2103 Bridger Drive

LICENSE NO: 17

Show exact depth of bottom
Notice of Completion of Groundwater Appropriation by Means of Well

Esther E. Hartkopf

50168

RECORDS OFFICE
Madison County, Mo.

Filed: June 26, 1973

[Signature]
County Recorder

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

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

Signature of Owner

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

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

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

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