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

**Developed after January 1, 1962**

(Undiv. Chapter 237 Montana Session Laws, 1961, as amended)

This form is to be prepared by driller, and these come 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, an date, otherwise the form may be returned.

**Owner:** Donald H. Fredriksen

**Address:** Colorado Gulch

**Date well started:** June, 1936

**Completed:** June, 1936

**Type of well:** Drilled

**Equipment used:** Rotary (Chas & T. rotary or other)

**Water Use:** Domestic [X] 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:** 100,000 Gallons

### Top of Ground

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
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<tbody>
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<table>
<thead>
<tr>
<th>Top of Ground (Elev. Above Sea Level)</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>Well depth, 40' from ground level to bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Ground water formation (above and below)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Water level measured from ground level</th>
</tr>
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<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Well developed by</th>
</tr>
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<tbody>
<tr>
<td>Electric [ ] Power [ ]</td>
</tr>
</tbody>
</table>

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

**Driller's Signature:** 

**Driller's License No.:** 

**County:** Lewis and Clark

**Show exact depth of bottom**

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**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.**
STATE OF MONTANA
COUNTY OF LEWIS & CLARK
I hereby certify that the within instrument was filed in my office on
the 19th day of March, 1931, at 12:00 o'clock, A.M.

Records of Lewis & Clark County, State of Montana

[Signature]
By [Estate Address]
Prepared
[Date]
We, Donald R. Fredrikson and Valeria D. Fredrikson of Colorado Gulch, state of Montana, of the legal age and of sound mind, do hereby declare and state that we have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based: Household, garden, lawn, shrubs and animal use.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: November, 1959 — daily use.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): Approx. 15 gal. per min.

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Irrigation of lawn, shrubs, garden etc. on home place.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric-operated pump — off northwest corner of house — (well location).

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal: October, 1959.

7. The estimated amount of groundwater withdrawn each year: Upwards of 200000 gals.

8. The log of formations encountered in the drilling of each well if available: Decomposed granite and clay.

9. 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: Lewis and Clark County — Book 811 — page 641.

Signature of Owner: Donald R. Fredrikson
Date: December 5, 1963.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Approprietor.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

I, A. T. Hibbard Co., of Box 597, Helena, 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:

A. T. Hibbard Co.

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 Appropiato.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on the 16 day of January A.D. 1962 at 5:25 p.m.

Deputy

County Recorder

[Signature]

152285
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Richard V. & Vivian M. Peterson, of P.O. Box 1700, Helena, (Name of Appropriator) (Address) (Town)
   County of Lewis and Clark 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 and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: (a) Continuous since 1962; and (b) intermittently for prior 20 years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (a) Five gallons/min. (b) Five gal/min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Two-three acres garden and lawn - Richard V. & Vivian M. Peterson.

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: (a) 1960, (b) 1920 or prior.

8. The depth of water table: (a) 22', (b) 8'.

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: (a) Drilled well, 12' casing, 81' deep. (b) dug well, 12' deep.

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

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: Unknown.

Signature of Owner: Richard V. Peterson
Date: 12 March 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 Approprietor.
STATE OF CALIFORNIA
COUNTY OF ALAMEDA

I hereby certify as the correct instruments attached hereto, in my office on
the 7th day of June, 1917
A.D., 1917. 

[Signature]
County Recorder

[Signature]
County Recorder
The undersigned, RV RANCH COMPANY, of Helena, Montana, has appropriated groundwater according to the State of Montana in direct prior to January 1962 as follows:

Item #1 In NORTH of Section 35, T. 10 N., R. 5 W., M.P.M.:
A drilled well, 60 ft. deep, water level 50 ft. from the top of the ground, drilled in 1955, 6" casing, runs 2 gallons per minute, used for domestic purposes. No log available.

Item #2 In the SOUTH of Section 35, T. 10 N. R. 5 W., M.P.M.:
A drilled well, 28 ft. deep, 10" casing, water level 6 ft. from the top of the ground, drilled in 1955, produces 20 gallons per minute, used for stockwater, livestock irrigation, garden irrigation and domestic purposes. No log available.

Item #3 In NORTH of Section 35, T. 10 N. R. 5 W., M.P.M.:
A groundwater spring producing 5 gallons per minute, used, maintained and developed by the declarant and its predecessors since 1865 for stockwater and sub-irrigation purposes.

Item #4 In EAST of Section 34, T. 10 N. R. 5 W., M.P.M.:
A groundwater spring producing 5 gallons per minute, used, maintained and developed by the declarant and its predecessors since 1865 for stockwater and sub-irrigation purposes.

Item #5 In SOUTH of Section 2, Township 9 N., Range 5 West, M.P.M.:
A groundwater spring producing 5 gallons per minute, used, maintained and developed by the declarant and its predecessors since 1865 for stockwater and sub-irrigation purposes.

Item #6 In EAST of Section 36, T. 10 N. R. 5 W., M.P.M.:
A groundwater spring producing 5 gallons per minute, used, maintained and developed by the declarant and its predecessors since 1865 for stockwater and sub-irrigation purposes.

Item #7 In SOUTH of Section 4, T. 10 N. R. 4 W., M.P.M.:
A groundwater spring producing 1 gallon per minute, used, maintained and developed by the declarant and its predecessors since 1865 for stockwater and sub-irrigation purposes.

Item #8 In SOUTH of Section 6, T. 10 N. R. 4 W., M.P.M.:
A groundwater spring producing 5 gallons per minute, used, maintained and developed by the declarant and its predecessors since 1865 for stockwater and sub-irrigation purposes.

Item #9 In SOUTH of Section 35, T. 10 N. R. 5 West, M.P.M.:
A groundwater spring producing 5 gallons per minute, used, maintained and developed by the declarant and its predecessors since 1865 for stockwater and sub-irrigation purposes.
Item #10 In SW 1/4 Sec 9, T. 10 N. R. 4 W., M.P.M.:  
Drilled well, 310 ft. deep, 6" casing, water level 2 ft. from top of the ground, producing 4 gallons per minute, used, maintained and developed by declarant for stockwater since 1954.

Item #11 In NE 1/4 Sec 25, T. 10 N. R. 5 W., M.P.M.:  
A dug well, 12 ft. deep, water level 9 ft. from the top of the ground, produces 2 gallons per minute, used, maintained and developed by declarant and its predecessors since 1880.

Item #12 In NE 1/4 Sec 24, T. 10 N. R. 5 W., M.P.M.:  
A groundwater spring producing 10 gallons per minute, used, maintained and developed by the declarant and its predecessors since 1865 for stockwater and sub-irrigation purposes.

Item #13 In SE 1/4 Sec 34, Township 10 North, R. 5 West, M.P.M.:  
A dug and stoned well 30 ft. deep, water level 10 ft. from top of ground, producing 15 gallons per minute, developed, used and maintained by declarant and its predecessors since 1880.

RV RANCH COMPANY  
By J. C. O'Connell  
(Seal)  
President

ATTEST:  
Marjorie Trainor, Secretary
STATE OF MONTANA
County of Lewis and Clark ss.

J. A. O'Connell, having first been duly sworn, deposes and says that he is of lawful age and is the President of AV Ranch Company, the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the corporation 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.

J. A. O'Connell

Subscribed and sworn to before me, this 27th day of December, 1963.

Notary Public for the State of Montana
Residing at Helena, Montana
My Commission Expires
### Declaration of Vested Groundwater Rights

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

**Douglas J. Ashton**

(Owner of Appropriator)

**4016 Linnae Rd, Helena**

(State of Montana)

### Details

1. **County:** Lewis & Clark
   **State:** Montana

2. **The beneficial use on which the claim is based:**
   - Household
   - Horses

3. **Date or approximate date of earliest beneficial use:**
   - **Early 1870s**
   - Continual

4. **The amount of groundwater claimed:**
   - **20 gpm** (gallons per minute)
   - **12 gpm**

5. **If used for irrigation, give the acreage and description of the lands to which water has been applied and the 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:**
   - Pumps

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:**
   - **1st well:** Oct 8, 1879
   - **2nd well:** July or Aug 1863

8. **The depth of water table:**
   - **100 ft**

9. **So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:**
   - **1st well:** 16 ft
   - **2nd well:**

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

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

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

**Signature of Owner:**

**Date:** 12/28/62

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

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

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

I hereby certify that the within instrument was filed in my office on the 31st day of November, A.D. 19___, at ___ o'clock A.M., and was recorded in the Records of Lewis & Clark County, State of Montana.

[Signature]
Court Recorder

By [Signature]
Deputy

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

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

1. CITY OF HELENA WATER DEPARTMENT, of CIVIC CENTER, HELENA  
   (Name of Appropriator) (Address) (Town)

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

   Rimini Canyon

   Approx. At  

   W  X  E

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
   300 G.F.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  
   10 H.P. Layne-Minnesota Turbine Pump.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
   Drilled Well 8" Casing.

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

8. The depth of water table  
   52'.

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 Well 8" Casing.

10. The estimated amount of groundwater withdrawn each year  
    22,000,000.

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

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

Signature of Owner: George Walter  
Date: 1-6-63.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the 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. Edward C. Driscoll 308 Main Street Helena
   (Name of Appropriate) (Address) (Town)

   County of Lewis & Clark 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
      (Name of Appropriate) (Address) (Town)

      For Home & Garden

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

      June 1, 1961, Continues Use to Date

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 12 Gallons Per Minute

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

      5.0 Ac. Fire Garden Plot

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

      Water is Withdrawn From 36' Well By Means of An Electric Pump

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

      Commencement: May 10, 1961

      Completion: May 21, 1961

   8. The depth of water table:

      24 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:

      36 Foot Well With 6 Inch Casing

   10. The estimated amount of groundwater withdrawn each year:

        2,350,000 Gallons Per Year

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

        0-7 Ft. Pot

        7 Ft. To 16 Ft. = Large Boulder & Gravel

        16 Ft. To 32 Ft. = Very Tight Gravel

        32 Ft. To 38 Ft. = Gravel & Clay

        38 Ft. To 50 Ft. = Bed Rock

   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:

       Record Book 212, Page 185 County Record

   Signature of Owner: Edward C. Driscoll
   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 Appraiser.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on
this _ day of _, 19__, at _ o'clock _ min. past
A.D. 19__, at _ o'clock _ min. past

Records of Lewis & Clark
County, State of Montana.

County Clerk

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

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

1. Stephen Mattice, of Rimini, Pt. Helena
   (Name of Appropriator) (Address)

   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 Appropriator.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on the 25th day of January, A.D. 1967, at 8:05 a.m., and that the person whose name is subscribed, respectively, offficer of Lewis & Clark County, State of Montana,

Silas A. Otis
County Recorder

Nigelle Jones
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Eugene Sara
   Name of Appropriator
   Street Address
   Town
   County of Lewis
   State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. March 1950, used every day since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gpm.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 0 acres, garden, lawn, fruit trees, owner Eugene Sara.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: horsepower electric pump, 1/2 discharge pipe, 1/2 casing.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1959 by Price and Lindsey.


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: 39' drilled well, 63' casing, 200 gpm.

10. The estimated amount of groundwater withdrawn each year: 2,000,000.

11. The log of formations encountered in the drilling of each well if available: 0-35' light gravel, 35' to 200' very light gravel, fairly clean, 200' to 31' clay, 31' to 39' very light clay, sand gravel.

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

Signature of Owner: Eugene Sara

Date: 14 Nov. 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.

1949.
I hereby certify that the within instrument was filed in the office of the

Sheriff of the above named county on the 19th day of Dec

AD 1956.

[Signature]
Sheriff.

[Signature]
Recorded Oct 21, 1956.

[Signature]
County Clerk.

[Signature]
Deputy.
DEPARTMENT OF STATE
OFFICE OF STATE ENGINEER

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

(name of appropriator)
of
(Street Address)
(Town)

County of
State of

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

1. The beneficial use on which the claim is based.
   Name and Garden

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

3. The amount of groundwater claimed (in miner's inches or gallons per minute). 11 gallons per minute.

4. If used for irrigation, give the acreage and description of the lands to which water has been applied.
   Location of each well or other means of withdrawal.

5. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   July 26, 1962

6. The depth of water table.
   161

7. 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"-6"-4" Iron Pipe - 33'1

8. The estimated amount of groundwater withdrawn each year.
   12,000 gallons (approx.)

9. The log of formations encountered in the drilling of each well if available.
   0-21 - Large Boulders
   21-63 - Large Boulders & gravel
   63-233 - Clay & gravel
   233-361 - Sand & gravel

10. 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: August 27, 1963

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

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

Original to the County Clerk and Recorder: duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Cavern drill</th>
</tr>
</thead>
</table>

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

Industrial [ ]  Drainage [ ]  Other: [ ]

Casing: 0 ft. to 32 ft. Type 20 ft. Size 6"  
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: None  

Static Water level, for non-flowing well: 16 feet.  
Shut-in pressure, for flowing well: 10 gal. per min.  

Pumping water level: 22 feet at 10 gal. per min.  

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

Shut off valve 3/4" valve type shut-off - gravel packing.
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 6'</td>
<td>Large Boulders</td>
</tr>
<tr>
<td>6' - 14'</td>
<td>Boulders &amp; Clay</td>
</tr>
<tr>
<td>14' - 22'</td>
<td>Gravel &amp; Clay</td>
</tr>
<tr>
<td>22' - 30'</td>
<td>Clay &amp; Small Gravel</td>
</tr>
<tr>
<td>30' - 37'</td>
<td>Hardpan - Gravel - Sand - Water (water at outer edge of hardpan)</td>
</tr>
</tbody>
</table>

STATE OF MONTANA

COUNTY OF BERNICE

I, the undersigned, do hereby certify that the above is true to the best of my knowledge and belief.

[Signature]

May 19, 1912

Deeley Clapp
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Harrison F. Walliver
Address: Admin. Bldg., Helena

Driller: Price & Lindsay
Address: Clancy, Montana

Date Started: March 16, 1955
Date Completed: March 21, 1955

Location: Sec. 3 T. 9N R. 5W 1/4 sec.

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

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

Casing: [ ] ft. to 30 ft.
Type: [ ] lb. Size: [ ]

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

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

Perforated or Screened: [ ] ft. to [ ] ft. to [ ] ft.

Type of screen or perforations:

Static Water level, for non-flowing well: [ ] feet.
Shut-in pressure, for flowing well: [ ] lb./sq. in.

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)

Gravel packing: Value 37' deep.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 5'</td>
<td>Sand clay</td>
</tr>
<tr>
<td>6' - 14'</td>
<td>Large boulders &amp; clay</td>
</tr>
<tr>
<td>14' - 22'</td>
<td>Very tight gravel &amp; clay</td>
</tr>
<tr>
<td>22' - 30'</td>
<td>Clay &amp; small gravel</td>
</tr>
<tr>
<td>30' - 35'</td>
<td>Sandpan</td>
</tr>
<tr>
<td>35' - 37'</td>
<td>Gravel &amp; clean sand &amp; water</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Helena Sand & Gravel Co.
1. Carson Construction Company (dba) of Box 1153, Helena, Montana
   (Name of Appropriator) (Address) (Town)
County of Lewis and Clark 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 and irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1000 G.F.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: 200 acres of hay ground.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Last well drilled 1963, first well data unknown.

8. The depth of water table: 195 ft., lowest well depth.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   1-10" Well, 183 ft. deep for domestic use, with pump
   1-14" Well, 43' deep for irrigation, with pump
   1-10" Well, 42' deep for irrigation, with pump
   1-connected pond with spring water, with pump
   1-spring, gravity flow.

10. The estimated amount of groundwater withdrawn each year: 1,000,000 gal.

11. The log of formations encountered in the drilling of each well if available: Exact log not available, gravel to 30 ft., gravel to 60 ft., then blue granite below this level.

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: Water used for stock, ranch needs, irrigation.

Signature of Owner: [Signature]
Date: December 18, 1965

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

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

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

I hereby certify that the within instrument was filed in the office on the day of this year of our Lord, A.D. 19__

[Signature]
County Recorder
County of Lewis & Clark
State of Montana

[Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

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

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

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

Owner: MR. STEVE JOFFA
Address: 2540 YORK RD
File: 230389

Date well started: Sept 27, 1972
GW 1

Top of Ground: 0.5 TONSIL

Owner: S. D. JEFFERSON
Address: 2540 YORK RD
File: 230389

Date well started: Sept 27, 1972
GW 1

Top of Ground: 0.5 TONSIL

Owner: S. D. JEFFERSON
Address: 2540 YORK RD
File: 230389

Date well started: Sept 27, 1972
GW 1

Top of Ground: 0.5 TONSIL

Type of well: DRILLED
Equipment used: ROTARY
Water Use: Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]

Describe: 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: 80,000 GALLONS

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

Driller's Name: JEFFERSON
Driller's Address: 2540 YORK RD

LICENSE NO. 378
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I, hereby certify that the within instrument was filed in my office on the 17th day of November, 2003, at 8:00 A.M., and recorded on page 92A of the records of the Lewis & Clark County, State of Montana.

[Signature]
County Recorder

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

1. Louis A. Schwarzmanns, of Rimini, MT
   (Name of Appropriator) (Address) (Town)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Feb. 1, 1905, to present time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). No amount was specified but water right calls for all.

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: Open ditch, pipeline with pump, gravity flow, from storage pond.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. This date is unknown by me but presumed to be 1905.

8. The depth of water table: Unknown - Mostly Springs and所在地.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. The Springs et al. Main System is stored in a Pond & they used by Pops 194,000 Acre Foot. One Spring is pumped outdated, Two Springs Direct.

10. The estimated amount of groundwater withdrawn each year. No Estimate Available.

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: Vol. M of WATER RIGHTS, Pg. 180.

Signature of Owner: Louis A. Schwarzmanns
Date: 12-30-68

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK | SS.
I hereby certify that the within instrument was filed in my office on this __ day of ___
July 19__ at ___ min. past ___ o'clock A.M.

Records of Lewis & Clark County, State of Montana

County Judge

By: __________________________
   Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>William L. Watzelaun</td>
<td>Rimini Route, Helena</td>
<td></td>
<td>Lewis &amp; Clark</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

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

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). 100 gals.

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. Well was dug between 1912 and 1936. I cleaned out well and applied new plank box 48" x 48" in the year 1956.

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. Recorded November 8, 1961 in Volume 35 of K258. Page 96. or Recorded June 27, 1913 in Volume 4 of U. S. Page 528. Helena-05588.

Signature of Owner: William L. Watzelaun

Date: Nov. 8, 1963

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

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

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

I hereby certify that the above is a true and correct copy of the record of the
above named action filed in this Court on

1993

This 17th day of November, 1993, I was

Adele Bowles, Deputy

County Clerk

By

County Clerk

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: November 6, 1963
Owner: Wm. Leetzstein  Address: Rimini-Helena, Mont.
Contractor (if any) None
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. By ditch from bank of Bear Gulch Creek.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate length of periods of use. To my knowledge a state employee told me at "run off" in dry years it runs 33 Mln. inches. By July 1st. some years it is dry.

Signature of Owner: Wm. Leetzstein
Date: November 6, 1963

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

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 287 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: November 15, 1962
Owner: L. Wetzel
Address: Helena, Mont.
Contractor (if any): None
Address of Contractor:
Date Started: Date Completed:

Describe means of obtaining groundwater without a well, viz. by irrigation and other natural process. Initial depth to water when applicable by M.A.D. from bank of bank of:

Gulch Creek.

Quantity of water developed and used with explanation of method used to estimate or estimate hourly, daily, or
estimate approximate length of period of use. If knowledge a state employee told me it was
in May it is full of water, otherwise, by July, last
some years it is dry.

Signature of Owner:
Date: November 5, 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 Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the above-mentioned paper was filed in my office on the 23rd day of June, 1935.

A.D. 1923

COUNTY CLERK OF LEWIS & CLARK
COUNTY OF MONTANA

By: [Signature]

Deputy

[Date]
**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**STATE WATER CONSERVATION BOARD**  

**Notice of Completion of Groundwater Appropriation by Means of Well**  
**DEVELOPED AFTER JANUARY 1, 1962**

Under Chapter 237 Montana Session Laws, 1961, as amended

---

**Owner:**  
**Address:**

---

**Date of Notice of appropriation of groundwater:**  
**Date well started:**  
**Date completed:**  
**Type of well:** drilled  
**Equipment used:**  
**Water use:** Domestic

---

**Size of Drilled Hole:** 6 ft.  
**Depth of Drilled Hole:** 17 lb.  
**Size and Weight of Casing:** 0 ft.  
**Remarks:** (Gravel packing, cementing, packers, type of shutoff)

---

**Static Water Level for non-flowing well...** feet.  
**Shut-in Pressure for Flowing Well...** feet.  
**Pumping Water Level...** feet.  
**Discharge in gal. per min. of flowing well...** gal. per minute.  
**How Tested:** bailer and pump  
**Length of Test:** 36 hrs.  
**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).**

---

**County Clerk and Recorder in the county in which the well is located, is to be retained by driller.**

---

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

---

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

---

Driller's License Number  
Driller's Signature  

---

[Diagram and Table]
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level)

0 - 5 ft. topsoil

5 ft. to 10 ft.
Decomposed granite

10 ft. to 20 ft.
Semi-hard granite

20 to 24 ft.
Hard granite

Owner: E. A. Baesly
Address: Colorado Gulch

Driller: Price & Lindsay
Address: Clancy, Montana

Date of Notice of Appropriation of Groundwater

Date well started

Type of well: Drilled
Equipment Used: Churn

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft. I.D.</td>
<td>17 lb.</td>
<td>0</td>
<td>24 ft.</td>
<td>Linear 8 feet</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well... 14 feet.
Shut-in Pressure for Flowing Well...

Pumping Water Level... 8 feet at... 10 gal. per minute.
Discharge in gal. per min. of flowing well...

How Tested: Bailier... Length of Test: 2 hrs.
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.

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 LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on
A.D. 19__ at ___ min. p.m.

Recording

Records of Lewis & Clark
County
State of Montana

[Signature]
County Recorder

[Stamp]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

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

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

Owner: __________________________
Address: __________________________

Date well started: May 19, 1962
GW 1 115.0 p.m.

Type of well: ______ Drilled
Equipment used: (Chisel drill, rotary or other)

Water Use: Domestic ☑ 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 (gal/min)

PERFORATIONS

Static water level: 16 feet
Pumping water level: 38 feet
at 8 grams per minute, measured 45 minutes after pumping began.

Well developed by: ______ Pumping for _______ hours.

Power used: ______ 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. 38

COUNTY: ________ SHOW EXACT DEPTH OF BOTTOM 53,550
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on the 18th day of June, 1973, at 12:01 p.m., and
is entered in the Records of Lewis & Clark
County Court of Lewis & Clark County, State of Montana.

[Signature]

[Stamp]

[Date: June 18, 1973]

[Notary Public]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

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

Owner: 
Address: 
Date well started: Aug. 11, 1971
Type of well: DUG
Equipment used: ROTARY
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: 60,000

Top of Ground

<table>
<thead>
<tr>
<th>From (foot)</th>
<th>To (foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6</td>
<td>TOPS</td>
</tr>
<tr>
<td>6.34</td>
<td>DECOMPOSED SANDSTONE</td>
</tr>
<tr>
<td>31.9</td>
<td>HARD ROCK GRAVEL</td>
</tr>
</tbody>
</table>

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

Driller's Signature: 
Driller's Address: 
LICENSE NO: 38

Show exact depth of bottom
49.92
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the written instrument was filed in my office on this day of

4:00 P.M., at , and was rec

ceived and accepted for record on page , of Book .

Records of Lewis and

Clark County, State of Montana.

County Recorder

[Signature]

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Herbert Buckley Address: Colorado Gulch

Date of Notice of Appropriation of Groundwater: Nov 13-63

Type of well: Drilled Equipment Used: (Drill, driven, bored or drilled)

Water Use: Domestic □ Municipal □ Other □ Irrigation □

Industrial □ Drainage □ Stock □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole (ft)</th>
<th>Size and Weight of Casing (in)</th>
<th>Flow (gpm)</th>
<th>To Date (feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>64</td>
<td>17/16</td>
<td>0</td>
<td>34</td>
<td>Linear</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>34.5</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 14 ft feet.

Shut-in Pressure for Flowing Well: 30 ft feet.

Pumping Water Level: 5 feet at 5 gal per minute.

Discharge in gal. per min. of flowing well: 345 gpm.

How Tested: 9 hrs.

Length of Test: 9 hrs.

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).

38

Driller's License Number: Wesley Lindsay

Driller's Signature: Wesley Lindsay

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.

7332
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: FRANK CAPPS
Address: Colorado Cache

Date well started: NOV. 19, 1972
Date well completed: NOV. 21, 1972

Type of Well: DRILLED
Equipment Used: ROTARY

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

Describe USE:

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: 80,000

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Shape of Casing</th>
<th>From (ft)</th>
<th>To (ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>19</td>
<td>0</td>
<td>11</td>
<td>LINER 10&quot;</td>
</tr>
</tbody>
</table>

Static water level: 10 ft.
Pumping water level: 10 ft.
at 70 gallons per minute;
measured 15 minutes after pumping began.

*Measured from ground level.

Well developed by: ALT
for: 3 hours.
Power: ENER
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: LARRY MONT
Driller's Address: 6547 Show exact depth of bottom
LICENSE NO: 38
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on the  " " day of (date),
A.D., 2009, at 00:00 min. past 00:00 o'clock A.M. and recorded on page ______ of Book
of _______ Records of ________ Records of Lewis & Clark County, State of Montana

[Signature]
County Recorder

[Date]
2009
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Frank Caps
Address: Helena, Montana

Driller: Walter Riddick
Address: Helena, Montana

Date well started: 9-1-66
Date completed: 9-2-66

Type of well: Drilled
Equipment used: Rotary Drill

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth (feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 9' soft granite</td>
<td>0 to 9'</td>
<td></td>
</tr>
<tr>
<td>9' to 35' gray granite</td>
<td>9' to 35'</td>
<td></td>
</tr>
<tr>
<td>35 to 47' blue granite</td>
<td>35 to 47'</td>
<td></td>
</tr>
<tr>
<td>47 to 51' fractured water</td>
<td>47 to 51'</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size of Drill</th>
<th>Size and Weight of Casing</th>
<th>Truss (Feet)</th>
<th>Trub (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'</td>
<td>6'</td>
<td>0</td>
<td>9'</td>
<td></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: bailer
Length of Test: 2 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff).

Total depth 51 ft.

Total acres...

(Continue on reverse side)

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

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

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

Doc. No. 238253
Filed for record this 21st day of Sept., A. D. 1966, at 1:30 P.M.

Show exact depth of bottom.

Monte No. 49
Driller's License Number

Driller's Signature
51,509
I hereby certify that the within instrument was filed in my office on this day at 10:25 a.m. 20---, the 19th day of 19---, being the 20th day of 19---, in the presence of the parties to the within instrument.  I also certify that the within instrument was recorded in the office of the Clerk of District Court of the County of Lewis & Clark, State of Montana, in the Office of the Clerk of District Court of the County of Lewis & Clark, State of Montana, on this day at 10:25 a.m. 20---.

[Signature]

[Date]

[Notary Public]
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: DOROTHY L. CARRICO

Address: COLORADO GULCH

Date well started: 19-14-71

Well completed: 19-19-71

Type of well: DRILLED

Equipment used: ROTARY

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: 80,000

<table>
<thead>
<tr>
<th>DEPT.</th>
<th>SIZE (Ft)</th>
<th>TROP</th>
<th>RIG</th>
<th>LENGTH (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>17</td>
<td>0</td>
<td>33</td>
<td>LINEAR</td>
<td>33 124</td>
</tr>
</tbody>
</table>

Static water level: 46 ft
Pumping water level: 10.9 ft

At 32 gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level.

Well developed by A.M. for 2 hours.

Power: ELEC. Pump: 3/4 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: WEILY

Driller's Address: LINDAY MONTANA

LICENSE NO. 38

COUNTY: LEWIS

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.

<table>
<thead>
<tr>
<th>Top of Ground (Ft above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1 Top Soil</td>
</tr>
<tr>
<td>3.55 Decomposed Granite</td>
</tr>
<tr>
<td>16.5 Broken Blue Granite</td>
</tr>
</tbody>
</table>

Show exact depth of bottom 49216
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on
_ day of __,
A.D. __ at __:___ min., east
_of clock, A.M.

Records of Lewis & Clark County, State of Montana

[Signature]
Clayton Remmel
County Recorder

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

Owner: Fred E. Cole, Address: 109 Main St., Frostburg, Maryland
Driller: Wesley Lindley, Address: Clifton, Montana

Date of Notice of Appropriation of Groundwater: None
Date well started: Aug 05
Date Completed: Aug 25

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Counter</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Liner from 31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>to 48</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 33 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 4 ft. 3 in. feet at: 3 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Boiler Length of Test: 2 hrs.
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) ... acres

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: Edward DeBoer, Jr.  Address: Colorado Gulch, Helena, Montana

Driller: Walter Ellick  Address: Helena, Montana

Date of Notice of Appropriation of Groundwater: 6-24-62

Date Well Started: 6-24-62  Date Completed: 6-31-62

Type of Well: Drilled  Equipment Used: Dug drill (Aug, driven, bored or drilled)

Water Use: Domestic  Municipal  Other  Irrigation

Finished in blue granite. 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</th>
<th>Character of Water-Bearing Strata</th>
<th>Height to Which Water Rises</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 9' top soil</td>
<td>Soil</td>
<td>15'</td>
</tr>
<tr>
<td>9' to 28' granite rock with seams</td>
<td>Clay, gravel, sand</td>
<td>2 gal. at the bottom.</td>
</tr>
</tbody>
</table>

Static Water Level for Non-Flowing Well: 73.6 ft.

Shut-In Pressure for Flowing Well: 20 lbf. per square inch.

Pumping Water Level: 28 ft. at 2 gal. per minute.

Discharge in gal. per min. of flowing well: 2 gpm.

How Tested: Balanced Length of Test: 2 hr.

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

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

Please answer all questions. If not applicable, 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 License Number: 2914

Driller's Signature: [Signature]

Montana Ltd., 49

File No. 4514
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within docket has been filed in the above
above-referenced action on the 27th day of December, 1964 at
10:00 A.M.

Recorder of Deeds
County of Lewis & Clark, State of Montana

[Signature]

[Signature]
**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:**

Robert G. Doudac

Address:

Calamity Gulch

Date well started.......

August 9, 1962 7:00 a.m.

Type of well: Domestic

Equipment used: Friction drill

Water Use: Domestic

Industrial

*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>Depth (ft)</th>
<th>Diameter of casing (in)</th>
<th>Depth (ft)</th>
<th>Diameter of screen (in)</th>
<th>Perforations</th>
<th>Depth (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>17.44</td>
<td>0</td>
<td>31</td>
<td>Linear</td>
<td>34' to 40'</td>
</tr>
</tbody>
</table>

Static water level 12 ft.

Pumping water level 32 ft.

at 3,000 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level.

Well developed by Bailey for 3 hours.

Power: Pump: HP

Remarks: Gravel packing, cementing, packers, type of cutoff

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

Driller's Signature: Wesley Lindsey

Driller's Address

LICENSE NO. 38