STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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

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

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

Owner: 
Address: 

Date well started: 
Completed: 

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

Equipment used: (Churn drill, rotary or other)

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

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>150</td>
</tr>
</tbody>
</table>

Static water level: 6 ft.
Pumping water level: 40 ft.

Stated water level at 40 gallons per minute measured minutes after pumping began.

*Measured from ground level.

Well developed by 24 hours

Power: Pump: HP

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

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

Each small square represents 40 acres.

Driller's Signature:

Driller's Address:

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

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** St. John's Episcopal Church  
**Address:** [Redacted], Montana

**Driller:** [Redacted]  
**Address:** [Redacted], Montana

**Date of Notice of Appropriation of Groundwater:** [Redacted]

**Date Well Started:** March 6, 1963  
**Date Completed:** March 13, 1963

**Type of Well:** Drilled  
**Equipment Used:** Churn drill (dug, driven, bored or drilled)

**Water Use:** Domestic [X]  
Municipal [X]  
Stock [X]  
Irrigation [X]

**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>PERFORMANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>0/8'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for Non-Flowing Well:** 27'  
**Shut-in Pressure for Flowing Well:** [Redacted]  
**Pumping Water Level:** 40'  
**Discharge in gal, per min. of flowing well:** [Redacted]  
**How Tested:** Pump  
**Length of Test:** One Hour

**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.**

**Driller's License Number:** [Redacted]  
**Driller's Signature:** [Redacted]

---

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.
**WATER WELL LOG**

**Owner:** Emigrant Community Well Association  
**Address:** Emigrant, Mont.

**Driller:** Ray Claus  
**Address:** Clyde Park, Mont.

**Date Started:** April 16, 1957  
**Date Completed:** April 26, 1957

**Location:** Sec. 31, T. 6 South, R. 16 East, Park County

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Churn drill</td>
</tr>
</tbody>
</table>

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

**Casing:**  
- One (1) ft. to forty-three ft.  
- Type: Galvanized  
- Size: Five and a half inch

**Perforated or Screened:**  
- Ft. to ft.  
- Type:  
- Size:

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** Forty-one (41) feet

**Shut-in pressure, for flowing well:**  
- lb./sq. in.:  
- Date:

**Pumping water level:** Twelve (12) feet at Sixteen (16) gal. per min

**How tested:** Electric jet pump

**Length of test:** One Hour (1 hr.)

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ft. - 8 ft.</td>
<td>Light soil and fine sand</td>
</tr>
<tr>
<td>8 ft. - 20 ft.</td>
<td>Sandy clay soil</td>
</tr>
<tr>
<td>20 ft. - 28 ft.</td>
<td>Fine sand</td>
</tr>
<tr>
<td>28 ft. - 34 ft.</td>
<td>Fine gravel</td>
</tr>
<tr>
<td>34 ft. - 38 ft.</td>
<td>Quicksand</td>
</tr>
<tr>
<td>38 ft. - 40 ft.</td>
<td>Heavy yellow clay</td>
</tr>
<tr>
<td>40 ft. - 43 ft.</td>
<td>Coarse gravel</td>
</tr>
</tbody>
</table>
WATER WELL LOG

Owner: Peter Zink, Jr. ............................................ Address: Emigrant, Montana

Driller: Roy Claus .................................................. Address: Clyde Park, Montana

Date Started: May 6, 1957 ........................................ Date Completed: May 14, 1957

Location: Sec. 39, T. 5 S, R. 8 E, East 1/4 sec. Southeast Quarter

Type of well: Drilled ............................................. Equipment used: Diamond Drill

Water use: Domestic X Municipal □ Stock □ Irrigation □

Industriall □ Drainage □ Other: □

Casing: One (1 ft.) to fifty-five (55 ft.) Type: Half-inch Steel Size: Six inch

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

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

Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations: 

Static Water level, for non-flowing well: Forty-eight (48 ft.) feet

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

Pumping water level: Fifteen to twenty (15 to 20 ft.) gallons per min.

How tested: Electric Jet Pump

Length of test: One and a half hours.

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>From 1 ft.</td>
<td>To 8 ft.</td>
</tr>
<tr>
<td>8 ft.</td>
<td>20 ft.</td>
</tr>
<tr>
<td>20 ft.</td>
<td>46 ft.</td>
</tr>
<tr>
<td>46 ft.</td>
<td>58 ft.</td>
</tr>
</tbody>
</table>

---

**Note:**
- [Signed by: Engineer, Supervisor, Owner, etc.]
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Albert Ross Karnes
Address: Park County, Montana

Driller: Donald C. Jones
Address: Bozeman, Montana

Date of Notice of Appropriation of Groundwater

Date well started: Sept. 7, 1962
Date Completed: Oct. 9, 1962

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 5/8&quot; O.D. 15# 5&quot; above surface 2014&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 92 feet
Shut-in Pressure for Flowing Well: 

Pumping Water Level: 211 feet at 40 gal. per minute

Discharge in gal, per min. of flowing well: 

How Tested: With Pump
Length of Test: 1 to hours

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

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature
Filed the 20th day of November, A.D. 1862 at 3:45 p.m.
Margaret A. McNeil
County Clerk and Recorder.

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

WILLIAM A. KARNES
(Name of Appropriator)
of Enigrant (Address)
County of Park (Town)
State of Montana

1. I 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.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: drain ditch completed in spring of '55; has been used continuously during irrigation season; rest of season for stock water.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1000".

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: W. A. Karpes, owner; irrigates portions of Sec. 31, T35, R6E, & portions of N½ of Sec. 31, T35, R6E, as indicated by the (x's).

6. The mean of withdrawing such water from the ground and the location of each well or other means of withdrawal: 2 drain ditches, with a carrying capacity of 1500" each, located in the N½ of Sec. 31, T35, R6E, as indicated by the (x's).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: the drain ditches were started in 1954 and completed in the spring of 1955.

8. The depth of water table: unknown.

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: drain ditches carrying capacity is approx. 1500". the average depth being 4 to 5 feet deep and approximately 16 to 18 feet wide. said drain ditch was constructed from the place of seepage in a swamp through the land desired to be irrigated by the owner. said drain ditch has a natural flowage from the swamp.

10. The estimated amount of groundwater withdrawn each year: said drain ditch carries approx. 100" of water during April, May, June, July & August; the bal. yr. 40-50".

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

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: N/A.

Signature of Owner: W. A. Karpes
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 Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **H. A. Karns**  
   (Name of Appropriator)  
   County of **Park**  
   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: **continuous since spring of 1959**

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

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: **unknown**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **a well located in the SE of Sec. 32, T.35 N., R.6 E.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **drilling commenced April 17, 1959; completed April 24, 1959.**

8. The depth of water table: **86 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: **casing is from the top of ground, 86 feet... deep, black steel casing, size 5 3/4 O. D., X 19 lbs.**

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

11. The log of formations encountered in the drilling of each well if available: **gravel at 57 feet... static water level of 6 feet.**

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: **NA**

Signature of Owner: **W. A. Karns**  
Date: **12-27-63**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Filed this 31 day of
Oct., A.D. 1963
at 10:30 A.M.
Margaret Hannah
County Clerk and Recorder.

Fee $1.00
Depuy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. WILLIAM A. KARNES of EMIGRANT, MONTANA
   
   (Name of Appropriator) (Address) (Town)

   County of Park 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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      Drain ditch completed in spring of '55; has been used continuously during irrigation season; rest of season for stock water.

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

   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:
      W. A. Karnes, owner; irrigates portions of SE 1/4 Sec. 32 T 55 R 8E, & portions of SW 1/4 Sec. 32, T 56, R 8E.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      2 drain ditches, with a carrying capacity of 1500" each, located in the SE 1/4 Sec. 32, T 55, R 8E, as indicated by the (x's).

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      The drain ditches were started in 1954 and completed in the spring of 1955.

   8. The depth of water table: unknown

   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:
      Drain ditches carrying capacity is approx. 1500" the average depth being 6 to 10 feet deep and approximately 16 to 18 feet wide; said drain ditch was constructed from the place of sewage in a swamp through the land desired to be irrigated by the owner; said drain ditch has a natural flowage from the swamp.

   10. The estimated amount of groundwater withdrawn each year: said drain ditch carries approx. 100" of water during April, May, June, July & August; the bal. yr. 40-50"

   11. The log of formations encountered in drilling of each well if available:
      N/A

   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:
      N/A

   ____________________________
   Signature of Owner
   W. A. Karnes
   ____________________________
   Date
   June 1, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate to the Appropriator.
# 95825

Filed this 1st day of May A.D. 1965

MARGARET Mechanical
County Clerk and Recorder

Notary Seal

Sec. 52, 64
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, [Name of Appropriator], of [Address] (Town)
   County of [County], State of [State], 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 [describe lands to be benefited, if for irrigation]

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

4. The annual period (inclusive dates) of intended use

5. The probable or intended date of first beneficial use

6. The probable or intended date of commencement and completion of the well or wells

7. The location, type, size and depth of well or wells contemplated

8. The probable or estimated depth of the water table or artesian aquifer

9. Name, address and license number of the driller engaged

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

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.

Three copies of this notice are to be filed with 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.

[Signature of Appropriator]

[Date]

Locate well or other means of development as accurately as possible on the plat.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

I, James Murphy, of Ennis, Montana,
(Identify Appropriator)
County of Park, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

1. Name and address of Appropriator
2. County of Appropriation, State of Appropriation
3. The beneficial use to which water is to be applied is
4. The rate of use in gallons per minute or miner's inches of groundwater claimed
5. The annual period (inclusive dates) of intended use
6. The probable or intended date of first beneficial use
7. The probable or intended date of commencement and completion of the well or wells
8. The location, type, size and depth of well or wells contemplated
9. Name, address and license number of the driller engaged
10. Give such other similar information as may be useful in carrying out the policy of this act

Signature of Appropriator
Date

Locate well or other means of development as accurately as possible on the plat.

Three copies of this notice are to be filed with 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 Appropiorator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elav. above sea level)

0' — 11' Gravel.
11' — 80' Blue chiles.
80' — 95' Silty Clays.
95' — 150' Silty fine sands.
150' — 165' Clay.
165' — 185' Silty clays.
185' — 220' Hard fine sands.
220' — 227' Coarser sands.

Date of Notice of Appropriation of Groundwater: none
Date well started: Dec, 44/68
Date Completed: Dec, 23/69

Type of well: Drilled
Equipment Used: Cable tools
(Chorn, drill, rotary or other)

Owner: Jim Murphy
Address: Immigrant, Mont.
Driller: Van Dyken drilling Co.
Address: Bozeman, Mont.

Date of Notice of Appropriation of Groundwater: none
Date well started: Dec, 44/68
Date Completed: Dec, 23/69

Type of well: Drilled
Equipment Used: Cable tools
(Chorn, drill, rotary or other)

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

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

Show exact depth of bottom.

Static Water Level for non-flowing Well: none feet.
Shut-in Pressure for Flowing Well: T.D.H. 2'

Pumping Water Level: 4' feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well: 7

How Tested: BaUer
Length of Test: 1 hr.

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

License No.1
Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder: duplicate to the State Engineer: triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Filed the 5th day of February 4th, 1962.

County Clerk and Recorder.

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

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

STATE ENGINEER

1. Montana Fish & Game Commission, of Helena,
   (Address) (State of Montana)

County 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:
   irrigation & operation of fish hatchery

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Febr., 1930

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

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
   Sec. 34, T. 5 S., R. 6 E.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   a small ditch conveying water from Anderson Creek to the fish hatchery

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1930

8. The depth of water table: M.A.

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 lateral ditch conveying water from Anderson Creek to the fish hatchery grounds

10. The estimated amount of groundwater withdrawn each year: 20 miner's inches

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: George Miller
Date: 12-4-3-63

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

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

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

Surface Spec. Water

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.

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

A = 30.000 feet
B = 300.000 feet

Signature of Owner
Date

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

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1962
Owner:...
Address:...
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.

Surface spring water

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

A: 300,000 inches
B: 600,000 inches
C: 750,000 inches

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

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.
$976.00

Noted this 17th day of December 1863.

Margaret Moroney
Said Clerk and Recorder

Dep't

$200
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: approximately 1880
Owner: JULIAN Read
Address: Chico, Montana

Contractor (if any): N/A
Address of Contractor: N/A
Date Started: N/A
Date Completed: N/A

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A reservoir box inserted in a spring, exact size unknown, with a 4" steel pipe leading from box to a concrete tank 6' x 6' x 10' long and 4' deep. 4' steel pipe leading from tank to Chico Hot Springs, 1/4 mi., gravity flow. Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 45 miner's... inches cold water. Continuous use throughout the year. Supplies all cold water for the Chico Resort.

Signature of Owner: JULIAN Read
Date: December 31, 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 Approrter.
#98254

A Jul (date)

Dec, A.D. 1943

A 3/42

Margaret Henderson

County Clerk and Recorder

fee $300

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

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

1. Montana State Fish & Game Comm. of Helena
(Name of Appropriator) (Address) (Town)
County of Emigrant
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: Operation of Fish Hatchery

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: February 21, 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 462.4 Gal. per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: cement manhole, sp. 6' square, 7' deep, with a 20' steel pipe conveying to hatchery a distance of 125'.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: February 1930

8. The depth of water table: Unknown

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: depth of well unknown; construction of a cement manhole with a steel cover, size & dimension sp. 6' sq. by 7' deep with a 20' steel pipe conveying water to the hatchery a distance of 125'.

10. The estimated amount of groundwater withdrawn each year: Average flow 462.4 gal. per min.

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

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 Applicable

Signature of Owner
George Miller Dept
Date 12-2-3-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for 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. Montana Fish & Game Commission of Helena
   (Name of Appropriator)
   (Address)
   (Town)

   County of Emigrant
   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: Operation of Fish Hatchery

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: February 21, 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 227.2 gal. per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: a tile pipeline 2,400'-long with a water supply pipe of 5" conveying water to the hatchery.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Feb., 1930

8. The depth of water table: Unknown

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: depth of well unknown; construction of a tile pipeline 2,400'-long with a water supply pipe of 5", conveying water to the hatchery.

10. The estimated amount of groundwater withdrawn each year: 227.2 gal. per min.

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: George Miller
   Date: 12-23-63

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

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

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

<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>Helmet Nelson</td>
<td>643</td>
<td>72, 5</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>John D. Anderson</td>
<td>643</td>
<td>92032</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Henry E. Booth</td>
<td>643</td>
<td>92052</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Michael M. Miller</td>
<td>643</td>
<td>92086</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>John N. Johnson</td>
<td>643</td>
<td>71047</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>William S. Williams</td>
<td>624</td>
<td>92076</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Harry E. Booth</td>
<td>624</td>
<td>92053</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Charles J. Brown</td>
<td>624</td>
<td>93910</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Robert Nelson</td>
<td>624</td>
<td>92772</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>James D. Allen</td>
<td>624</td>
<td>99124</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Milton E. Brey</td>
<td>624</td>
<td>99270</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Thomas J. Walker</td>
<td>624</td>
<td>93132</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Lee County</td>
<td>624</td>
<td>116890</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Rogers Construction</td>
<td>624</td>
<td>121893</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Hugh Delosh</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Paul W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Josephine Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>R. W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Robert W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Michael W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>David W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Frank W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>William W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Robert W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>David W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Donald W. Foster</td>
<td>624</td>
<td>99126</td>
<td></td>
</tr>
</tbody>
</table>

- **County:** Park County
- **Two.:** 5 5
- **Rge.:** 9 8
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

   Sec. 10
   Sec. 11.
   SW 64

   All in Township 5 South, Range 9 East, M. P. N.
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

   Place of use is indicated by marks, thus "x".

2. The beneficial use on which the claim is based: household, watering livestock, and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Use initiated in 1887, and use has been continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 miner's inches.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   Use upon the NE1/4, SE1/4, and SW1/4, of section 10, Township 5 South, Range 9 East, M. P. N.
   10 acres. Owner, Helen Nelson.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Water is diverted from natural water course as supplied by springs. Point of diversion is located near the southeast corner of the SW1/4 of section 12, said township and range.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Water first diverted and used in 1887.

8. The depth of water table: Water is intercepted on the surface of ground.

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: Water is conducted to place of use by means of a natural water course, shown as red marks on map accompanying.

10. The estimated amount of groundwater withdrawn each year: 40 miner's inches.

11. The log of formations encountered in the drilling of each well if available: No well necessary or in use.

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: Helen Nelson
   Date: Dec. 4th, 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.
Dec. 26th

Received this 26th day of December 1863
3½ (dollars)

Mangum Monell.

County Clerk and Recorder.

J. F. James, Sheriff.

Sec. 2. 48

$3 1/2
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Fehr D. Anderson
   (Name of Approprietor)
   Hoffman Route, Livingston
   (Address)
   Town)
   County of Park
   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
      A-Domestic & Lawn Irrigation; B-Domestic & Stock Water;
      C-Stock Water; D-Domestic, Lawn, & Stock Water.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      A-1935; B-1945; C-About 1945; D-About 1985

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      A, B, C: Ten gallons per minute each.
      D: Fourteen and six tenths 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:
      A-Lawn Irrigation for main house, 1 acre.
      B & C: Nominal, D-Lawn and garden under 1 acre.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      A, B, C: 4 1/2 jet pumps; D-3/4 HP jet pump.
      Wells A, B, C: SW 1/4 Sec. 4, T 58, R 9E; D-SW 1/4 Sec. 4
      T 58, R 9E.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      A: 1924; B: 1926; C: 1949; D: 1952; E: 1949 (Jim Allen Cont.); F: Approx. 1949; G: Approx. 1949;
      D-1885 dug and drilled in 1924.

   8. The depth of water table:
      Approx. 20 to 30 feet in all four wells.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      All four wells are approximately sixty to seventy-five feet deep. Six or eight inch casings used.

   10. The estimated amount of groundwater withdrawn each year:
       A, B, C: 5,256,000 gallons each;
       D: 7,708,800 gallons.

   11. The log of formations encountered in the drilling of each well if available:
       Mainly rock, gravel and sand.

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

   Signature of Owner:
   Date: December 30, 1963

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

Please answer all questions. If not applicable, so state, 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.
# 98057

Filed the 30th
December 1963
at 8:18 a.m.

Margaret Monseu
County Clerk and Recorder.
Comm. Recorders

Fees $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

2. The beneficial use on which the claim is based: [stock, water and home use, etc.]

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

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

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

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

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

8. The depth of water table: [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: [details]

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

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

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

Signature of Owner: [signature]
Date: [date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Approporior.
Filed this 31st day of December 12, 1962

Magsite Monceal

Henry Clark, Clerk and Recorder.

By: Henry Clark, Clerk

Lee & Co.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Clarence M. Melin

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

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

2. The beneficial use on which the claim is based

   Household
   Livestock
   Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Constant use:
   March 1931

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   Yard about 4 acres
   Clarence Melin

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Started in February, finished in March 1931

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
   Hand Dug - 40 feet deep
   10 inch Casing

10. The estimated amount of groundwater withdrawn each year
    Hard to know

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

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

Signature of Owner

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.
Dec. 6, 1856

Handed this 25th day of January A.D. 1856

Lois Jane Jones

Secretary

By: Jolly Jones

Deputy

Sec. 62, 60
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Jesse and LaVina Lewis, of 126 No. 8th St., Livingston.

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

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: Lavinia Lewis.

Date: April 15, 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 School of Mines and quadruplicate for the Appropriator.
Rec. # 9767

Filed the 12th day of April, A.D. 1962.

at 3:30 P.M. 

Margaret M. White, 

 Pregnant female 

Pregnant Female 

By William Jones, Jr.

Jr.

Jr.

By William Jones, Jr.

Jr.

Jr.

Jr.

Jr.

By William Jones, Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.

Jr.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

1. William S. Warfield, 2224 N. Main St., Livingston, MT, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

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

8. The depth of water table: 

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

10. The estimated amount of groundwater withdrawn each year: 

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

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

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.

Date: Dec. 30, 1963

Signature of Owner: William S. Warfield

File No.: 12456789

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Filed the 30th Day of December 1943
at 12:07 P.M.

Margaret Menshal
County Clerk and Recorder

M. M. Compton

Fees $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harry E. Boyd</td>
<td>of Hoffman, MT, Livingston</td>
<td>Park</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: Stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Fertilized in January 1961 and is used everyday.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 12 gallons per minute with pump use has on.

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: An electric submersible pump is used for withdrawing water.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Planned on the ground in January 1961.

8. The depth of water table: 39 feet below.

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 gal. casing and in a 124-foot well.

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

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: Harry L. Boyd
Date: Dec. 31, 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 Appropriate.
Filed the 31st day of December, A.D. 1962

Morgan

County Clerk and Recorder.

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)

1. Charles J. Kauffman
   (Name of Appropnator)          Livingston,
   (Address)                      State of Montana.

   County of Park,
   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, stock water, and for irrigation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been—Use began in Sept., 1880, and has been continuous since.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)—30 miner's inches.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof—Approximately 36 acres, in 36/4 and 36/8, of section 10, twp. 5 south, range 9 east, M. P. M., located as shown on map.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal—Water is taken from springs located on Sections 13 and 16, in twp. 5 south, range 9 east, M. P. M., located as shown on map.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—Water was diverted from springs in Sept., 1880, and has been used since by means of diversion through ditches and pipe line, as shown.

   8. The depth of water table—Water of springs comes to surface of ground and flows into ditch without pumping.

   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—Water runs in ditches from springs to point marked A on map, and from A to B is diverted through a pipeline. Springs are designated with the mark thus, "X", on map above.

   10. The estimated amount of groundwater withdrawn each year—Over 200,000 gallons.

   11. The log of formations encountered in the drilling of each well if available—No well drilled.

   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 record of rights made.

Signature of Owner: Charles J. Kauffman
Date: Dec. 6th, 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.
Amended Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

   Sec. 10
   sec. 11
   
   Date or approximate date of earliest beneficial use; and how continuous use has been continuous since

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 miner's inches.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 10 acres, used upon the NE\NW\NW, and NWNE, of section 10, typ. 5 south, range 9 east, H. F. R. H., owner, Helen Nelson.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is taken from springs located in the NW\NW of section 12, typ. 5 south, range 9 east, H. F. R. H., point of delivery is located near the NE corner of NE\NW\NW of section 12.

   7. The date of commencement and completion of the construction of each well, works for withdrawal of groundwater. Water is diverted from springs in 1887, and has been used since by diversion by ditch and pipe line.

   8. The depth of water table. Water of springs comes to surface of ground and flows into ditch without pumping.

   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. Water runs thru ditch and pipe line. Springs are designated by letter "S" on map. Line of ditch and pipe line indicated by red line.

   10. The estimated amount of groundwater withdrawn each year. Over 250,000 gallons.

   11. The log of formations encountered in the drilling of each well if available. No well drilled.

   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 Helen Nelson
   Date Dec. 16, 1963.

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate to the Appropriator.
Deed: 97583.

Received this 16 day of December A.D. 1963

11:55 a.m.

Margaret McNeil
Clerk and Recorder.

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. Bernard Allen, of Pioneer Ranch, Livingston
   (Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Stock water for livestock or Range - continuous use

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

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

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

8. The depth of water table: Surface water, natural spring

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: Surface water, gravity flow

10. The estimated amount of groundwater withdrawn each year: 4 inches average natural flow

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: ______________________
Date: December 31, 1963

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown
Owner: Hutton E. Herr Address: Herrman Ranch, Livingston
Contractor (if any): Unknown Address of Contractor: Unknown
Date Started: Unknown Date Completed: Unknown

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Flowing from sub-irrigation
into stream, then into cement reservoir for storage.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. 50 gallons
per minute into reservoir and piped into two homes and
all corrals.

Signature of Owner: Hutton E. Herr
Date: December 15, 1961

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 Appropirator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown
Owner: Milton S. Berg, Address: Noffman Road, Livingston
Contractor (if any): self
Address of Contractor: same
Date Started: Unknown, Date Completed: Unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. For example, flow from sub-surface formation into steam, then into cement reservoir for storage.

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

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Case No. 97770

Filed the 26th day of December 1963
at 6:00 o'clock a.m.

Margaret Moracial
County Clerk and Recorder.

Re.

Return
## Declaration of Vested Groundwater Rights

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

**Declaration of Vested Groundwater Rights**

### Declaration of Vested Groundwater Rights

1. **Name of Appropriator**: [Name of Appropriator]
   - Address: [Address]
   - Town: [Town]
2. **Date or Approximate Date of Earliest Beneficial Use**:
   - How Continuous the Use has Been: [Duration]
3. **Amount of Groundwater Claimed**: [Amount in Miners Inches or Gallons per Minute]
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**: [Details]
5. **Means of Withdrawing Such Water from the Ground** and the location of each well or other means of withdrawal:
   - [Details]
6. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**: [Date]
7. **The depth of water table**: [Depth]
8. **So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater**: [Details]
9. **The estimated amount of groundwater withdrawn each year**: [Amount]
10. **The log of formations encountered in the drilling of each well if available**: [Details]
11. **Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record**: [Details]

**Signature of Owner**: [Signature]

**Date**: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Deo. 4 98123

Noted the 31st Day of

Jan. A.D. 1963

At 10:18 a.m.

Margaret Monical
County Clerk and Recorder

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

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: LEE GOWAN
Address: LIVINGSTON, MONTANA

Driller: VAN DYKEN
Address: BOZEMAN, MONTANA

Date of Notice of appropriation of groundwater: none

Date well started: Oct. 1/69
Date completed: Oct 15/69

Type of well: Drilled Equipment used: Cable tools
(Dug, Driven, bored or drilled)
(Churn drill, rotary or other)

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth 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'</td>
<td>6 5/8&quot;</td>
<td>0'</td>
<td>96'</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
72' feet

Shut-in Pressure for Flowing Well
none

Pumping Water Level
86' feet at 18 gal. per minute.

Discharge in gal. per min. of flowing well
none

How Tested: Bailer
Length of Test: 2 Hrs

Remarks: (Gravel packing, cementing, packers, type of shut-off) Clay and Gravel
Cuttings shut off outside of casing from 0' to 96'

License No. 1
Driller's License Number

Driller's Signature

---

Show exact depth of bottom.
May 22, 1969

Mar 11, 1969

Missouri Manual

Forney, Clerk and Recorder.

Draper U. Smith

Deputy.

Sec'y 2100.