STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Vera B. Ecton of P. O. Box 517, Bozeman
   (Name of Appropriator) (Address) (Town)
   County of Gallatin State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1911 and available for use ever since.

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 20 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: 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: Pump, jack and gasoline engine, Height of Section 12, T.18, R.26

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1911

   8. The depth of water table: 200 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled Well, 6 in. casing, 640 feet deep

   10. The estimated amount of groundwater withdrawn each year: Approximately 400,000 gal

   11. The log of formations encountered in the drilling of each well if available: Clay, top soil and rocky formations

   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: Form

   Signature of owner: [Signature]

   Date: December 12, 1963

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

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

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

Filed X 10 16 1963
at 8:17 a.m.

Carl Allen
COUNTY CLERK & Recorder
By
[Signature]
[Date] 10/16/1963
Notice of Completion of Groundwater Appropriation by Means of Well

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

Date of Notice of appropriation of groundwater

Date well started: Oct. 20/66 Date completed: Oct. 20/66

Top of Ground
(Elev. above sea level)

0' - 28' Clay embedded with broken rock, Dry
28' - 210' Bentonite, embedded with a few pebbles and a few shells of hard blue shales, Dry.
210' - 355' Dark blue shales, no shells, Dry.
355' - 423' Dark blue hard shales with a few small sand lenses. From 355' to 365' the sand was a little coarser with a few pebbles.

Date of Notice of appropriation of groundwater

Owner: B.P. ANDERSON JR. Address: BOZEMAN, MONT.
Driller: VAN DYKE DRILLING Co. Address: T.A.T., T.A.T.

Notice of Completion of Groundwater Appropriation by Means of Well

Type of well: Drilled Equipment used: Rotary
(Bug driven, bored or drilled)
(Chis 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 and 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.

Static Water Level for non-flowing well 267' feet.
Shut-in Pressure for Flowing Well None.
Pumping Water Level 340 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Air Lift 14' feet.
Length of Test: 3 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, packer set, 26 x 12 sealed with Bentonite)

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

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

LICENCE NO. 1
Driller's License Number

Driller's Signature:

BERT VAN DYKE

Continue on reverse side)
2086
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. RENALD F. ANDERSON, JR., of 405 West Cleveland, Bozeman
   (Name of Appropriator) (Address) (Town)
   County of Gallatin State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1960. Continuous use since 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute estimated

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
   Pump

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater
   Date of completion unknown, but prior to 1960. Continuous use since 1960.

8. The depth of water table 50 feet estimated

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 150 feet depth

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

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 None

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

1. Barrien P. Anderson, Jr., 402 West Cleveland, Bozeman
   (Name of Appropriator) (Address) (Town)
   County of Gallatin State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based: (1) stock water (2) domestic water (3) stock water (4) stock water

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: prior to 1960. Continuous use since 1960

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

   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: pumps

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: date of completion unknown, but prior to 1960. Continuous use since 1960

   8. The depth of water table: 50 feet, estimated

   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: estimated depth of wells, 100 feet

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

   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: None

   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: Quadruplicate for the Appropriate

36079
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Berrien P. Anderson, Jr.</th>
<th>405 West Cleveland, Bozeman</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address) (Town)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>X</th>
<th></th>
</tr>
</thead>
</table>

1. **Declaration of Vested Groundwater Rights**

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 **prior to 1960, continuous use since 1960**

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 gallons per minute (estimated)

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. **Pump**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **Date of completion unknown, but prior to 1960. Continuous use since 1960.**

8. The depth of water table. 50 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. **100 feet depth.**

10. The estimated amount of groundwater withdrawn each year. **100,000 gallon estimated**

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. **None**

**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.
State of Montana ) ss.
County of Gallatin )

Filed: __/31/1963
at 4:30 p.m.

COUNTY CLERK & RECORDER

By: ____________
DEPUTY

Fee: $20.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Berrien P. Anderson, Jr., of 405 West Cleveland, Bozeman
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1960. Continuous use since 1960.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute estimated.

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 pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Date of completion unknown, but prior to 1960. Continuous use since 1960.

8. The depth of water table 50 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 180 feet depth.

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

11. The log of formations encountered in drilling 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 None.

Signature of Owner Berrien P. Anderson, Jr.
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.

3/1/63
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 27, Montana Session Laws, 1961)

WILBUR E. SMITH, of Bozeman

County of Gallatin State of Montana

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

2. The beneficial use on which the claim is based: domestic, culinary, stock water, and irrigation of lawn and garden.

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: 1888 and continuous.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: garden and lawn, less than 2 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump in well at present, as marked on plat above.

Approx. 40 rods East and 20 rods South of Center of Section 21.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1888.

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: Well drilled 60 feet, with 6 inch casing, and equipped with electric pump.

10. The estimated amount of groundwater withdrawn each year: 180,000 gallons.

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

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

Date December 31, 1963

Signature of Owner

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

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

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geography, and Quadruplicate for the Appropriaor.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1966

(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961)

Owner: B. P. ANDERSON
Address: BOZEMAN, MONT.

Driller: JAN BJORK DRY DRILLING CO
Address: BOZEMAN, MONT.

Date of Notice of appropriation of groundwater... none

Date well started: Nov. 9/66
Date completed: Nov. 12/66

Type of well: Drilled
Equipment used: Rotary

(Dig, 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, shaly, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PREPARATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0'</td>
<td>140'</td>
<td></td>
</tr>
<tr>
<td>7 7/8&quot;</td>
<td>6 5/8&quot;</td>
<td>O.D.</td>
<td>16&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>17 7/16&quot;</td>
<td>Pt.</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
62' feet

Shut-In Pressure for Flowing Well... none

Pumping Water Level... 120' feet

Discharge in gal. per min. of flowing well... none

How Tested: Air lift.

Length of Test... 3 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff...) Packer set... 18" and sealed with Bentonite.

Show exact depth of bottom.

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).

Range well, water is used for cattle drinking.

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
State of Montana
County of Gallatin ss.
Filed April 3, 1967
at 9:30 o'clock A.M.

Carl Stucky
County Clerk & Recorder

By

Fee $75.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Barret J. Anderson, Jr., 405 West Cleveland, Bozeman
   (Name of Appropriator) (Address) (Town)
   County of Gallatin State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

- The beneficial use on which the claim is based: (1) domestic and stock water; (2) stock water

- The amount of groundwater claimed (in miner's inches or gallons per minute): (1) 25 gallons per minute, estimated; (2) 10 gallons per minute estimated

- The date or approximate date of earliest beneficial use, and how continuous the use has been: prior to 1960. Continuous use since 1960.

- 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

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

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Date of completion unknown, but prior to 1960. (1) continuous use since 1960.

- The depth of water table 100 feet.

- The type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater: (1) 200 feet deep; (2) 500 feet deep

- The estimated amount of groundwater withdrawn each year: (1) 100,000 gal. estimated; (2) 10,000 gal. estimated. Not available.

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

- 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 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.
178-9

Court Division of............
Filed: December 31, 1963
at 4:30 p.m.

Carl Walton

By: (Signature)

FCA

Dept.
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: Dale Campbell
Address: None listed
Date well started: Nov. 29
Date well completed: Nov. 30, 1972

Type of well: Drilled

Equipment used: Cable tool

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

*Describe*:

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17&quot;</td>
<td>20</td>
<td>30</td>
<td>PVC 1</td>
<td>1</td>
<td>5</td>
</tr>
</tbody>
</table>

PERFORATIONS

30 ft. 5" PVC Drilled

Static water level: 32 ft.
Pumping water level: 37 ft.

*Measured from ground level. Well developed by power pump for 2 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 10 ACRES.

Driller's Signature: [Signature]

Driller's Address: Otto Willson

License No.: 130

Show exact depth of bottom

52, 72, 8
State of Montana  
County of Gallatin  
Filed March 22, 1973  
at 4:30 o'clock P.M.  
Carl K. Hatley  
County Clerk & Recorder  
By  
Deputy  
Fee $16.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. David Godfrey Twells, et al
   (Name of Appropriator)
   (Address)
   (Town)
   County of Callatin
   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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1870 to date

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

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. Domestic well only

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No irrigation well to date, only domestic well

8. The depth of water table. 400 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. None - only domestic 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. 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. None

Signature of Owner

By: Chas. Vandenboek, Jr.
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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Before April 1959

Owner: Melvin Love
Address: Rte. 1, Three Forks

Contractor (if any) Unknown
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. NATURAL SPRING DEVELOPED 10' TO 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. WATER IS USED 12 MONTHS PER YEAR. ROCKED UP & PIPED TO BUILDINGS FOR STOCK WATER, GARDEN USE, DOMESTIC USES. ADEQUATE FLOW FOR ALL ABOVE USES, APPROX. 25 INCHES

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

Signature of Owner

Date Aug. 17, 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
County of Gallatin

Filed Aug 14, 1963
at 3 o'clock P.M.

Coot Walton
COUNTY CLERK & RECORDER

By Ada J. Morrow
DEPUTY

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

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

Alice M. Love of Three Forks, Montana,
County of: Salatin State of: Montana

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

1. Name of Appropriator: Alice M. Love
   Address: Three Forks
   Town: Salatin

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1940 - USED CONTINUOUSLY

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: GARDEN IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: ELECTRIC 1ST TYPE PUMP

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

8. The depth of water table: 20'

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: DISCHARGE PIPE APPROX. 40 DEEP

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

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

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: [Signature]
Date: Aug. 14, 1963

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

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

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

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Location:** MONT. FISH AND GAME DEPT., GRAYCLIFF FISHING SITE.

**Owner:** ELK FAIR, PO Box 410, Helena, Montana

**Driller:** JAN VAN DYKEN DRILLING CO., Address: BOZEMAN, MONTANA

**Date of Notice of Appropriation of groundwater:** None

**Date well started:** 6/15/69

**Date completed:** 6/18/69

**Type of well:** Drilled

**Equipment used:** Cable tools

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

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

### Log

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Strata Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1'</td>
<td>Soils and clays</td>
</tr>
<tr>
<td>1 - 12'</td>
<td>Sand and gravels,</td>
</tr>
<tr>
<td></td>
<td>Yet at 6'</td>
</tr>
<tr>
<td>12' - 43'</td>
<td>Fine bearing</td>
</tr>
<tr>
<td></td>
<td>sands, Yet</td>
</tr>
<tr>
<td>43' - 50'</td>
<td>Silty claybound</td>
</tr>
<tr>
<td></td>
<td>sands, Yet</td>
</tr>
<tr>
<td>50' - 71'</td>
<td>Soft sandstone</td>
</tr>
<tr>
<td>71' - 72'</td>
<td>Gritty clays</td>
</tr>
</tbody>
</table>

**T.D. 72'**

**Static Water Level for non-flowing well:** 3½ feet

**Shut-in Pressure for Flowing Well:** None

**Pumping Water Level:** 42½ feet

**Discharge in gal. per min. of flowing well:** None

**Flow Tested:** 2 Hrs.

**Length of Test:** 2 Hrs.

**Remarks:** (Gravel packing, cementing, packers, type of shutoff) Top 12' of casing is grouted in with cement.

**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).

**LICENSE NO. 1**

Driller’s License Number

Driller’s Signature

Bert Van Dyken
State of Montana  
County of Gallatin  

FILE: Xcwy 19, 1969  
at: 9:30 o'clock A.M.  

Carl L. Sinsky  

Deputy  

Otto K. Kegans  
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962
(Under Chapter 237, Montana Session Law 1961)

**Driller:** VAN DYKEN DRILLING CO.  
**Address:** BOZEMAN, MONTANA

**Date of Notice of appropriation of groundwater:** 6/23/69  
**Date well started:** 6/23/69  
**Date completed:** 6/27/69

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Size and Weight of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>6 5/8&quot; 19% per ft. New Tested</td>
</tr>
<tr>
<td>70</td>
<td>None</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 7'6" feet

**Shut-in Pressure for Flowing Well:** None

**Pumping Water Level:** 9'16" feet at 15 gal. per minute.

**Discharge in gal. per min. of flowing well:** None

**How Tested:** Baller

**Length of Test:** 2 Hrs.

**Remarks:** (Gravel packing, cementing, packers, type of shutoff) Top 12' of casing is grouted in with cement.

**Bottom 3' of well and casing is gravel packed with 1/8" gravel for sand control.** (Continue on reverse side)

**DISCLAIMER:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition). Use: As perground water supply.

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**LICENSE NO. 1**  
**Driller's License Number:**  
**Driller's Signature:** Bert Van Dyken

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State of Montana  
County of Gallatin  

County Clerk

July 12, 1969  
9:30 A.M.  

Curtis Stucky  

Alta M. Langford
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

J. L. Kilgore
Name of Appropriator

RED THREE FORKS
Address

GALATIN
County

MONTANA
State

I 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: Domestic, Stock Water, Timber.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: Since Land Was Homesteaded.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 G.P.M.

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:

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

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

7. The depth of water table:

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

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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana
County of Gallatin

Filed: 7/3/1963
at 2:01 P.M.

Carl Wallin
COUNTY CLERK & RECORDER

By:
DEPUTY

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

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

1. J. L. Kilgore
   of Red Three Forks
   County of Gallatin
   State of Montana

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.
   BEFORE 1940

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

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

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

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.
   350 Deep 6' Casing

10. The estimated amount of groundwater withdrawn each year.
    500 G. P.

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: J. L. Kilgore
Date: 3/30/63

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriator: Alice M. Love
Address: P.O. 1, Three Forks
County of: Flathead
State of: Montana

I, Alice M. Love, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator: Alice M. Love
Address: P.O. 1, Three Forks
County of: Flathead
State of: Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1940

4. The amount of groundwater claimed (in million inches or gallons per minute): 50 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: No Irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Deep Piston type pump powered with gasoline engine

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

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: Unknown

10. The estimated amount of groundwater withdrawn each year: 350,000

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 records: Unknown

Signature of Owner: Alice M. Love
Date: Aug. 14, 1963

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

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

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

Filed August 14, 1963
at 3:12 o'clock P.M.

COUPY CLERK & RECORDER

By Ola J. Morrow

Fee $2.00 Pd.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water well log

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Montana</td>
<td></td>
<td>Montana</td>
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<td></td>
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Location: Sec. 35 T. 12 R. 26 1/4 sec. 46 1/4

Type of well: Dug, driven, or drilled (Chant, drill, rotary, etc.)

<table>
<thead>
<tr>
<th>Equipment used</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
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</thead>
</table>

Water use:

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<tr>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
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</table>

Casing:

<table>
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<th>Size</th>
<th>Length</th>
<th>Location</th>
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</table>

Perforated or screened:

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Location</th>
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</thead>
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Type of screen or perforations:

Static water level, for non-flowing well:

Shut-in pressure, for flowing well:

Pumping water level:

<table>
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<tr>
<th>Feet</th>
<th>Gallons per minute</th>
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</table>

How tested:

<table>
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<tr>
<th>Method</th>
<th>Test length</th>
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Length of test:

Remarks:

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

(over)
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<td>18</td>
<td>Captain Vernie K.</td>
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</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

County of [County] State of [State]

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

2. The beneficial use on which the claim is based: [Domestic, Irrigation, etc.]

3. Date or approximate date of earliest beneficial use: [1900 - Continued]

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

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

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

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: [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:

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: [Sign]

Date: [Date]

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

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

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

Filed December 13, 1963
at 1:55 o'clock P.M.

BURL WALTON
COUNTY CLERK & RECORDER

Charles A. Shaffer
DEPUTY

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Andrew Immendorf
Address: Manhattan

Driller: Harold Hulbert
Address: Rt One Byers

Date of Notice of Appropriation of Groundwater: Nov 19, 1963
Date well started: Nov 19, 1963
Date completed: Nov 23, 1963

Type of well: Drilled
Equipment Used: Churn

Water Use: Domestic X Municipal  Other  Irrigation

State of Montana
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
0 - Elev. above sea level
6 - Soil Rock
20 - Gravel Water
24 - Clay Rock
36 - Self-water
44 - Sand and gravel

Bottom of well

Driller's License Number

Static Water Level for non-flowing Well: 8 feet

Shut-in Pressure for Flowing Well:

Pumping Water Level: 16 feet at 60 gal. per minute

Discharge in gal. per min. of flowing well:

How Tested: PUMP 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 pertinent information, including number of

acres irrigated, if used for irrigation)

Show exact depth of bottom.

47
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.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Thomast Evelyn Velthomp**
   - **(Name of Appropriator)**
   - Address: Corby Hill
   - **(Address)**
   - Town: Manhattan
   - **(Town)**
   - State: **Mont**
   - **(State of)****

   County of **Stillwater**
   - **(County)**

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

2. **The beneficial use on which the claim is based.**
   - 
   - **Watering stock or livestock.**

3. **Date or approximate date of starting beneficial use, and how continuous the use has been.**
   - 1950

4. **The amount of groundwater claimed (in miner's inches or gallons per minute).**
   - 50 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.**
   - 
   - Land description: 
   - Owner: 

6. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.**
   - **Wells or pumps.**
   - **Location:****

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

8. **The depth of water table.**
   - 40 ft
   - **(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.**
   - 
   - **Specifications:****

10. **The estimated amount of groundwater withdrawn each year.**
    - 1,200 gal

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

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 reference:****

---

**Signature of Owner:**

**Thomas Velthomp**

**Date:** 12/16/63

---

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.
$940

State of Montana
County of Gallatin

Filed December 20, 1963
at 11:36 A.M.

EARL WALTON

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

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

(Name of Appropriator) (Address) (Town)

County of State of

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

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

3. Date or approximate date of earliest beneficial use, (Name 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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana  
County of Gallatin  
Filed June 23, 1963

Carl Walton

By

Fee S.
Top of Ground
(Elev. above sea level. 4,460)

O-7
Top soils and clays.

7- 52 Sand, gravels and large boulders.

32- 67' fine sand, assorted gravels, a few four to six inch boulders.

67- 70' same as above, but up to 8' boulders.

70- 75' Assorted sand and gravels with clay binder.

75- 85' Sand and gravels, large boulders. 

85-101' Dry yellow clay.

101- 130' Clean sand, gravels, and small boulders.

At 130' Clay Was Encountered

Depth of Well
130 Feet.

Size of Drilled Hole
16' 16

Size and Weight of Casing
Size
Feet
To
1/2" wall
0
130

PERFORATIONS

Kind

Size
Feet
To

Feet

50 ft. at 1900 gal. per minute.

Discharge in gal. per min. of flowing well

none

How Tested

turbine pump. Length of Test 18 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)

Surface water in well shut off with puddle alaya. This well is to be used for irrigating 40 acres of crop and pasture land.

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 School of Mines and Quadruplicate for the Appropriator.
State of Montana | ss.
County of Gallatin | ss.
Filed: March 6, 1932
at 3:35 P.M.
Carl Nation

By: [Signature]
Fee $2.00
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Montana, MT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Montana, MT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 1, 1950</td>
<td>Dec 31, 1950</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>35</td>
<td>1</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Churn drill, rotary, other</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>100</td>
<td></td>
<td>L 6</td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>39</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

(over)
### DRILLER'S LOG

**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.

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**MONTANA WATER RESOURCES BOARD**

---

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

**Notice:**

- The notice pertains to the completion of a groundwater appropriation by means of a well developed after January 1, 1962.

**Top of Ground**

<table>
<thead>
<tr>
<th>From (ft)</th>
<th>To (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>220</td>
</tr>
<tr>
<td>180</td>
<td>220</td>
</tr>
</tbody>
</table>

**Type of Well:**

- Drilled (Dig, drive, bore or drill)

**Equipment Used:**

- Sawdust, water, or other

**Water Use:**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other
- Garden/Lawn

**Use:**

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

**Estimated Annual Withdrawal**

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Size of Well</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4&quot;</td>
<td>16&quot; OD</td>
<td>0</td>
<td>220</td>
</tr>
</tbody>
</table>

**Perforations**

- Static water level: 69 ft.
- Pumping water level: 60 ft.
- Measured at 1820 gallons per minute, measured 20 minutes after pumping began.
- Measured from ground level.
- Well developed by *surfing* for 6 hours.
- Power used: *1.0 HP*.
- Remarks: Gravel packing, cementing, gravel, etc.
- **Tavel packed from 10 ft**.

**Indicate Location of Well and Place of Use, If Possible. Each Small Square Represents 40 Acres.**

**Driller's Signature:**

**Driller's Address:**

**License No.:** 3

---

224 Show exact depth of bottom.
State of Montana
County of Gallatin

Filed ___________, 1973
at ___________ o'clock P.M.

Carl ______

By: ___________

Deed ___________
<table>
<thead>
<tr>
<th>Owner</th>
<th>James S. Velkamp</th>
<th>Address</th>
<th>Manhattan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Van Dyken Drilling Co</td>
<td>Address</td>
<td>Bozeman</td>
</tr>
<tr>
<td>Date Started</td>
<td>Dec 3, 1956</td>
<td>Date Completed</td>
<td>Dec 6, 1956</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 3 T 1S R 3E 1/4 sec</td>
<td>NE 2 NW 1/4</td>
<td>Gallatin County</td>
</tr>
</tbody>
</table>

**Type of well:** drilled

**Equipment used:** punch or churn

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

**Type of screen or perforations:**

<table>
<thead>
<tr>
<th>Casing:</th>
<th>1 ft to 15 1/2 ft</th>
<th>Type: cast iron</th>
<th>Size: 6 5/8 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
</tbody>
</table>

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

**Static Water level, for non-flowing well:** 80 feet.

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

**Pumping water level:** 80 feet at 25 gal. per min.

**How tested:** pump

**Length of test:** 24 hrs

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 1 to 80</td>
<td>clay</td>
</tr>
<tr>
<td>80 to 130</td>
<td>sand</td>
</tr>
<tr>
<td>130 to 154</td>
<td>gravelly</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Shirley Diepceer of 804,1 Manhattan
   County of Broadwater 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: General

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 gal per min

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

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: 1968

8. The depth of water table: 79 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:

10. The estimated amount of groundwater withdrawn each year: see enc. sheet

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: Shirley Diepceer
   Date: Nov 17, 1963

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

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

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