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: Nov. 6, 1963
Owner: Floyd Seeger  Address: Radley
Contractor (if any): none
Address of Contractor: none
Date Started: none  Date Completed: none

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

coming out of top of ground

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:

free flowing spring producing
100 gallons per minute
seem to be continuously
flow measured in inches of
head

Signature of Owner: Floyd Seeger  Date: Dec. 30, 1963

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

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

Please answer all questions. If no, 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

(OCT 28 1966)

STATE OF MONTANA
ADMINISTRATION OF GROUNDWATER CODE

Owner: Floyd Whitlow
Address: Delia, Mont.

Driller: Bill Anderson
Address: Delia, Mont.

Date of Notice of Appropriation of Groundwater: Oct 1-66
Date well started: Date Completed: Oct 3-66

Type of well: Drilled
Equipment Used: Churn, drill, rotary 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.

Static Water Level for non-flowing Well: 13 feet.
Shut-in Pressure for Flowing Well: 15 feet at 10 gal. per minute.
Pumping Water Level: 15 feet per minute.
Discharge in gal. per min. of flowing well: 2.0 gal./min.

How Tested: Pump Length of Test: 2.4 days

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

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

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

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

Bill Anderson
Driller's License Number
Driller's Signature

33

41, 547
**WATER WELL LOG**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Fred Adams</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Hamilton, Mont.</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>Reuben S. Page</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>Oct. 27, 1961</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>Oct. 24, 1961</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 23, T. 4, R. 21, 1/4 sec. B.D. 13</td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** Churn Drill

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

**Casing:** 8 in. to 14 ft. Type [ ] Size [ ]

**Casing:** 3 ft. to 6 ft. Type [ ] Size [ ]

**Casing:** 6 ft. to 9 ft. Type [ ] Size [ ]

**Perforated or Screened:** 3 ft. to 6 ft. Type [ ] Size [ ]

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 2.3 feet.

**Shut-in pressure, for flowing well:** 1 lb./sq. in. on Oct. 24, 1961

**Pumping water level:** 1.7 feet at 50 gal. per min. Oct. 24, 1961

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

Well was dug Fall of 1963 to 20 feet. Trench sunk for water well and four were dug up, six feet deep, later removed. Water fell February 18, 1964, went dry.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>surface soil</td>
</tr>
<tr>
<td>17 to 19</td>
<td>gravel, clay, and sand</td>
</tr>
<tr>
<td>19</td>
<td>same</td>
</tr>
<tr>
<td>2.5</td>
<td>same</td>
</tr>
<tr>
<td>2.5 to 7</td>
<td>small amount water</td>
</tr>
<tr>
<td>7 to 3.5</td>
<td>gravel, sand, and mud clay</td>
</tr>
<tr>
<td>4.0</td>
<td>poor gravel and water</td>
</tr>
</tbody>
</table>
## WATER WELL LOG

**Owner:** Fred Sherrard  
**Address:** Hamilton, Montana

**Driller:**  
**Address:**

**Date Started:**  
**Date Completed:** 10/4/05

**Location:** Sec. 23  
**Town:** T.4  
**Range:** R.21  
**Sec:** 32

<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>

| Water use | 
| Domestic | X |
| Municipal | |
| Stock | |
| Irrigation | X |
| Industrial | |
| Drainage | |
| Other | |

**Casing:** ft. to ft.  
**Type:** Galv.  
**Size:** 2 in.

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

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

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

**Type of screen or perforations:**

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

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

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

**How tested:**

**Length of test:**

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

(over)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Fred Shawver
   of Rt. 1 Hamilton
   (Name of Appropriator) (Address) (Town)
   County of Ravalli 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, irrigating yard and garden and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1905

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 1 acre in Lot 7, Sec. 23, Township 4 North, Range 21 West of County Road, Estate of Otis Shawver, deceased is owner.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 6 inch casing, 1½ suction and discharge pipe, 3/4 hp. pump.

7. The date of commencement and completion of the construction of the well, well, or other works for withdrawal of groundwater: Well originally dug in 1905. Reamed in October, 1963.

8. The depth of water table: 17 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 inch casing, 1½ inch suction and discharge pipe, pump with 3/4 hp. motor.

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

11. The log of formations encountered in the drilling of each well if available: 1 foot surface soil, 19 feet gravel, clay sand, 30 feet gravel & sand mixed with clay, 40 feet, pea gravel and water.

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: Fred Shawver
Date: 12-20-1963

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.
I certify that I received and filed this
instrument on this 20th.
day of Dec. 19 63. at 31 53
o'clock P.M.

F. B. Moore
Deputy 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. M. L. Ilgenberger
   (Name of Appropriate)
   of Box 224
   (Address)
   Hamilton
   (Town)

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

1. Name of Appropriate

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
   2-9-57
   a month a year

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   1200 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
   Irrigation
   20 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Electric Pump
   Indicate point of appropriation and of use, if possible. Each small square represents 10 acres.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   May 1967
   Completion, 1 day

8. The depth of water table
   13 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
   1 Horse Pump
   14 ft. Electric Pump

10. The estimated amount of groundwater withdrawn each year
    1000 gal.

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

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
    Book 11, page 14, line 14

Signature of Owner

Date: Dec 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on the 31st day of December, 1967, at 9 o'clock A.M.

By: Shirley Keuh

Clerk Register

4073
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Ervin Richard
Address: Daisy Mart
Driller: Bill Anderson
Address: Moyie Springs

Date of Notice of Appropriation of Groundwater
Jan. 20, 1963

Date well started
Jan. 21, 1963

Date completed
Jan. 24, 1963

Type of well: Drilled
Equipment Used: Churn Drill

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.

Static Water Level for non-flowing Well 4 feet.
Shut-In Pressure for Flowing Well
Pumping Water Level 6 feet at 18 gal. per minute.
Discharge in gal., per min. of flowing well 25 gal. per min.
How Tested: Banks
Length of Test 2 days

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

Driller's Licence 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.

44, 137
Recently a copy of a groundwater appropriation form, GW 1, Notice of Appropriation of Groundwater, was forwarded to this office by the County Clerk and Recorder. This form is identified by:

Owner: Mr. Norman Devie
Address: Darby, Montana

Location: T. R. Sec. Document No.: 5289

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate the estimated annual withdrawal, and township, range, and section on the enclosed form.

Other.
**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**

**Mln. Hare NDavis**

**Address**

Dakota MT

**Date well started**

Sept 5-69

**Completed**

9/14-69

---

**Type of well**

(Dug, driven, bored or drilled)

---

**Equipment used**

---

**Water Use:**

Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □* Garden/Lawn □

*Describe

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

---

**Estimated Annual Withdrawal**

---

**Driller's Signature**

Raymond F. Davis

**Driller's Address**

313 1st Avenue N

---

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

Each small square represents 40 acres.

---

**Driller's Signature**

Raymond F. Davis, Water Well Drilling

**Driller's Address**

313 1st Avenue N

---

**LICENSE NO.**

96612

---

**Show exact depth of bottom**

3.572
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Lawrence H. Brown, of Res. 16, Sec. 26, Hamilton, Montana
   (Name of Appropriator) (Address) (Town)

   County of Ravalli, 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 - IRIGATION**

   3. The date or approximate date of earliest beneficial use, and how continuous the use has been: **1947**

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

   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: Lawrence H. Brown
   Date: Dec. 28, 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.
I certify that I received and filed this instrument on this 30
day of May, 1963, at 9:02
a'clock AM.

[Signature]

C COUNTY RECORDER

By: DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... 1915


Contractor (if any) none

Address of Contractor none

Date Started 1915 Date Completed 1915

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Cement box with cement roof,
about 8 feet square, excavated to increase
flow of natural spring. Water is piped to
house and barn. Water at barn is steady flow
from 3/4 inch pipe for stock water. Water
piped to house is used for domestic water
and irrigating yard and garden in summer.

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. Continuous
flow from one 3/4 inch pipe and usual inter-
mittent domestic use from 3/4 inch pipe for
house. More or less continuous flow from
house pipe for yard and garden irrigation in
summer. Seepage around box of around 18 miners
inches used for stock water.

Signature of Owner Fred Sharrow

Date Dec. 20, 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.
I certify that I received and filed this instrument on this 20th day of Dec. 1963 at 3:52 P.M.

[Signature]
COUNTY RECORDER

By: [Signature] DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 12-21-63
Owner: Marshall Clark
Address: 227 Hamilton
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.

flod irrigation 36 inches
springs 36 inches
channel at numerous points
channel shown on plat.

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

300 inches estimated
used 50% of the time in
the irrigation season. The work
has been used since approved day.

Signature of Owner: Marshall Clark
Date: Dec 30 1963

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

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

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

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

[Map and diagram of point of appropriation and place of use]
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: MARK DAVIS
Address: DERBY, MONTANA

Date well started: JANUARY 4, 1977
Date well completed: JUNE 10, 1977

Type of well: DUG WELL
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 Bore Hole</th>
<th>Size and Depth of Well</th>
<th>From To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind</th>
<th>From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 2 ft.
Pumping water level: 4 ft.
at 40 gallons per minute measured 15 minutes after pumping began.

*Measured from ground level.
Well developed by DUG for 2 days. Pump: standard 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: R. J. SPELLMAN
Driller's Address: 5549 E. 7TH STREET, HAMILTON, MONTANA
LICENSE NO. 194

Show exact depth of bottom: 52,528.
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

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 Appropirator.
I certify that I received and paid $5.00

Dec. 23, 1874

Received

J. B. Moore

Shirley Kinzie

#2636
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1963)

1. Vivian... Malone
   (Name of Appropriator)
   of ... R.R., Box 232
   (Address)
   Hamilton...
   (Town)
   County of ... Ravalli...
   (County)
   State of ... Montana...
   (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. 
      Undeveloped Reserve to Supply for Irrigation.
   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 
      Does not apply. 
   4. The amount of groundwater claimed (in miner's inches or gallons per minute). 
      Undetermined.
   5. If used for irrigation, give the acreage on which water has been applied and name owner thereof. 
      Irrigation to Approx. 1/2 acre at Gross on North Portion of Tract... Vivian... Malone.
   6. The means of withdrawing such water from the ground and the location of each well or other means of 
      withdrawal. 
      Undeveloped Spring located approx. 300' North of... 
      South Boundary, and Co. Highway... 
   7. The date of commencement and completion of the construction of the well, wells, or other works for 
      withdrawal of groundwater. 
      No Improvement Work done.
   8. The depth of water table. 
      Approx. 20 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. 
      Undeveloped Spring.
   10. The estimated amount of groundwater withdrawn each year. 
       Not known.
   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 Deed, including Water Rights. 

   Signature of Owner... Vivian... Malone...
   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.
I certify that I received and filed this instrument on this 31st day of __________, 19___ at __:00 o'clock M.

Deputy

COUNTY RECORDER
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Vivian...Malone... of Rk. 1... Sec. 33 T. 2 N... Hamilton...
   (Name of Appropriator) (Address) (Town) State of Montana

County of... Ravalli... 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... provided... water for... low... garden... fruit... trees...

3. Date or approximate date of earliest beneficial use, and how continuous the use has been... Sept. 9... 1953... Date of... purchase... Well... is... in... Can... state... use during... gardening... season...

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof... 1/4... acre... adjacent to... home... extending... to... road... on... west... and... boundary... on... south... to... swamp... on... east... Vivian... Malone...

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Electric Pump... Well located... approximate... 300'... East... at... 1000'... North... at... South... Boundary...

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... The... well... was... dug... about... 1943...

8. The depth of water table... 15... 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... open... wall... 15... feet... Deep...

10. The estimated amount of groundwater withdrawn each year... 875,000... Gallons...

11. The log of formations encountered in the drilling of each well if available... nothing... 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... Deed... including... water... rights... recorded... in... Vol... 117... of... Deeds... Age... 63...

Signature of Owner... Vivian... Malone...
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.
I certify that I received and filed this instrument on the 31st day of December, 1963, at 10 o'clock A.M.

F. B. Maree

COUNTY RECORDER

Steward Smith

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 1964

Owner: Sidney M. Williamson
Address: R. R. 1, Hamilton, Mont.

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.

A Natural Spring

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

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

10 inches

of water - estimated set peak
of flow - used for stock water
year around and sub-irrigation

Signature of Owner: Sidney M. Williamson
Date: June 28, 1964

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.
I certify that I received and filed this instrument on this 30th day of Jan., 1964, at 10 o'clock A.M.

[Signature]
COUNTY 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)

Ravalli County

Mervyn Yates and Anne C.
(Name of Appropriator)

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

2. The beneficial use on which the claim is based is for household and domestic use in the dry season.

3. Date or approximate date of earliest beneficial use: 1942, and has been continuous use since that time.

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 is pumped by 3 HP pump and pipe to house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well sunk in 1942.

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: 3 HP jet pump.

10. The estimated amount of groundwater withdrawn each year: 15,000 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: Mervyn Yates
Date: 1-1-62

Anne C. Foodal

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.
I certify that I received and filed this instrument on this 5th day of Dec., 1963, at 2:55 P.M.

F. G. Moore
County Recorder

[Signature]

By Shirley Keith
Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: Joe Fix
Address: R.1. Box 209, Hamilton

Contractor (if any)

Address of Contractor

Date Started: 1963
Date Completed: 1963

collector and this work has always been done
Describe means of obtaining groundwater without a well "as by spring sub-irrigation and other natural processes". Include depth to water when applicable. Natural spring used the year around for stock water. A 500-gallon tank is buried in the ground of secure, water is pumped from tank to stock watering took 500 feet west of spring.

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. Continuous use applies water for 60 head of dairy cattle. An estimated 100 gallons consumed daily by stock.

Signature of Owner: Joe Fix
Date: 12-5-63

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.
I certify that I received and filed the
instrument on the 5th
of Dec., 1963, at 2:45 p.m.

P. G. Moore
County Recorder

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:

Owner:

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:

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:

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

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.
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
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.

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.

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

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.
I certify that I received and filed this instrument on this 2-6 day of April, in the year 1977.

[Signature]

County Recorder

Deputy
Notices of Completion of Groundwater Appropriation by Means of Well

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level...)

- 0' to 6' muck, black with small rock
- 6' to 25' muck, fine sand and small rock
- 25' to 52' yellow clay, sand, gravel and Boulders
- 52' to 79' yellow clay, sand, gravel (trace water)
- 79' to 95' grey clay, sand, small gravel

Owner: USDA, Forest Service... Address: Hamilton, Montana...

Driller: Carl F. Hollenstine... Address: Dillon, Montana...

Date of Notice of Appropriation of Groundwater...

Date well started... Date Completed...

Type of well: Drilled... Equipment Used: Drill

(Undr Chapter 237, Montana Session Laws, 1961)

Type of well: dug, driven, bored or drilled

Water Use: Domestic (X) 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.

<table>
<thead>
<tr>
<th>Size of Bored Hole</th>
<th>Braced and Determined (Foot)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7'</td>
<td>6' I.O., seamless steel 18.5 lbs. per ft.</td>
<td>95</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well...

Shut-in Pressure for Flowing Well...

Pumping Water Level...

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

How Tested...

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

Driller's License Number...

Contract...

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.
#1666

I certify that I received and filed this instrument on this 29th day of Oct., 1962, at 3:52 P.M.

Anthony Hork

Shirley Smith
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: 9-1-1952
Owner: Fred A. Hodel
Address: Hamilton, Montana
Contractor (if any): None
Address of Contractor: 
Date Started: 9-1-1957, Date Completed: 9-1-1957

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

Ground Spring from Ground Level

N.W.1/4, Sec.33, T.44, R.21
Indicate point of appropriation and place of use, if possible.

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

Use the water all during the year
For watering the cattle
Estimate about 15 gallons of water Per Minute continuous flow

Signature of Owner: Fred A. Hodel
Date: 12-14-1963

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.
I certify that I received and filed this instrument on this 17th day of Dec., 1963, at 1:15 P.M.

F. A. Moore
COUNTY RECORDER

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

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

STATE ENGINEER

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

2. County of
   State of
   intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

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

8. The probable 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.
I certify that I received and filed this instrument on this 7th day of Oct., 1963 at 11:20 A.M.

F. G. Moore
COUNTY RECORDER

Deputy, Shirley Smith
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:  
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. 

spring Boxes 6 foot depth, to house milk house, barn, stock tanks and stock water pond and irrigation.  

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:  

Approx. 25 inch of water used constantly.  

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

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.
I certify that I received and filed this instrument on this 27th day of [month] 1963 at [time] o'clock M.

[Signature]

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 12-18-1963
Owner: Simon or Hermine Hufner
Address: 418 W. 309th Street
Contractor (if any): NONE
Address of Contractor: NONE
Date Started: Date Completed: Nature

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. SPRING #1 in board in
and water runs thru about 200'

or pipe for stock water + some
irrigating.

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.

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

Signature of Owner: Simon Hufner
Date: 12-18-1963

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.
I certify that I received and filed this instrument on this 23rd day of December, 1963, at 4:16 P.M.

F. L. Moore
Deputy County Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER COPIES
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.

Spring is boxed in and water runs thru about 200' of pipe to house and garden

(Spring #1 is also boxed in and water runs thru about 200' of pipe for stock 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.

Spring #2 is continuous flow thru an 1½" pipe

Spring #1 is continuous flow thru a 1½" pipe

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

Signature of Owner: __________________________
Date: 12-18-63

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; quadruplicate for the Appropriator.
I certify that I received and filed this instrument on the 23 day of Dec., 1963, at 4:07 P.M.

[Signature]

[Notary Seal]

Notary Public
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 Appropnator] (Address) (Town)

County of ___________________________ State of Montana

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

1. Name of Appropnator

2. The beneficial use on which the claim is based. Never used for farming,

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 19, 1923, to the present date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3000 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. Electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 19, 1923, to June 19, 1958.

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. Drilled wells. 75' casing.

10. The estimated amount of groundwater withdrawn each year. 10,800,000 gal.

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: ___________________ Location: ___________________

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.
I certify that I received and filed this instrument on this 31st
day of Dec., 1963 at 1:19
P.M.
F. G. Moore
County Recorder

By Shirley Keish, Deput
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Owner: Allan White  
Address: Rt 1 Box 230 Hamilton, Mont

Driller: Norman C. Ray  
Address: Hamilton, Mont

Date Started: June 18, 1953  
Date Completed: June 19, 1953

Location: Sec. 35 T. 4 R. 21 W. 4 sec. NW 1/4 Index 18

Type of well Drilled:  
Equipment used: Drill

Water use: Domestic ✓  
Municipal  
Stock  
Irrigation ✓

Industrial  
Drainage  
Other:

Casing: ft. to 26½ ft. Type: Size:

Perforated or Screened: Ft. to Ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 25 feet of water

Shut-in pressure, for flowing well:

Pumping water level:

How tested:

Length of test:

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

No-log

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

Marion L. Hayden, of Box 26, Darby

County of __________ State of Montana

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

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

2. The beneficial use on which the claim is based:
   Irrigation of yard and household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Aug. 15, 1875, practically continual.

4. The amount of groundwater claimed (in geyser's inches or gallons per minute):
   1,000 gallons per hour

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 2 acres of land and garden.

   Marion L. Hayden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Electric motor and pump, located 500 yd.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   June 15, 1875, for household use. Used for irrigation since then.

8. The depth of water table:
   10 ft. in summer

9. If applicable, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Deep well, about 3 ft. in diameter

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

11. The kind of formations encountered in the drilling of each well or other works for the withdrawal of groundwater:
   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: Marion L. Hayden

Date: 12/30/65

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.
I certify that I received and filed this instrument on this 30th, 1965, at $1.50.

P.M.

F. J. Moore
COUNTY RECORDER

Fee $2.00

By: _______________ DEPUTY
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Marian L. Hayden
Address: Rt. 2, Hamilton
Driller: Bill Amsden
Address: Bozeman

Date of Notice of Appropriation of Groundwater: Sept. 24, 1962
Date Completed: Sept. 26, 1962

Type of well: drilled
Equipment Used: churn drill, rotary or drilled

Water Use: Domestic (X) Municipal ( ) Stock ( ) Irrigation (X)
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>4</td>
<td>9/16</td>
<td>09</td>
<td>37</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 14 feet.
Shut-in Pressure for flowing well: 17 feet.
Pumping Water Level: 17 feet.
Discharge in gal. per min. of flowing well: 25 gal./min.
How Tested: pumping test
Length of Test: 31 days

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

Driller's License Number: 33
Driller's Signature: Bill Amsden

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.
Mr. Anthony Hork  
County Clerk and Recorder  
Ravalli County  
Hamilton, Montana

Dear Mr. Hork:

We are returning the water well log, your number 1650 filed September 27 because it does not give the name and address of the owner. If you have it in your records, will you please add it to this form and return it to us?

Very truly yours,

FRED E. BUCK  
STATE ENGINEER

By: C. S. Heidel  
Deputy State Engineer
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 1953
Owner: Alan B. & Arlene M. White
Address: R. 1 Hamilton, Mont.

Contractor (if any): None

Address of Contractor: ____________________________

Date Started: June 1953. Date Completed: June 1953.

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. Dug 500 ft. of drainage ditch and opened springs along the length of ditch, which drains into existing Spring Creek.

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 comes

$\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 35, T50N R. 21 W. M. S. M.

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

In December, water is used from April to date. For irrigation, by pumps and sprinklers using 1-719 pm. sprinkler heads, 3,000 g.p.m. more others.

Signature of Owner: Alan B. White

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 Appropriaor.
I certify that I received and filed this instrument on this 31st day of Dec., 1947, at 9:00 A.M.

[Signature]

Shirley Reed
Deputy