STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. UNITED STATES OF AMERICA of WASHINGTON 25, D. C.
   (Name of Appropriator) (Address) (Town)
   County of ___________ 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: Watering Range Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Developed in 1964. In continuous use since.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not applicable

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: Not applicable

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 The estimated amount of groundwater withdrawn each year: Unknown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 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: None

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary E. Sullivan & Clyde J. Sullivan of 1098 Route Livingston (Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been in use since 1944 and undetermined period of years prior thereto

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

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

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

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

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: Natural flow only

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

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

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

Signature of Owner Clyde J. Sullivan
Date December 27, 1965

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; Quadruplicate for the Appropriator.
Filed the 31st day of Dec. 1963.

3:06 P.M.

Margaret Ironside
Clerk and Recorder.

Fee $2.00
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.

**INVERNESS LAND AND CATTLE**
Owner: ___________
Address: ___________

**Livingston, Montana**

Date well started: Nov. 16/72
Type of well: Drilled
completed: Dec. 28/72

Equipment used: Rotary

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

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Site of Drilled Well</th>
<th>Size and Weight of casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8&quot; 6&quot; PVC from 44</td>
<td>17'</td>
<td>0</td>
<td>44</td>
</tr>
<tr>
<td>6&quot; 6&quot; PVC plastic liner casing</td>
<td>304</td>
<td>1/16&quot; slot.</td>
<td>244</td>
</tr>
</tbody>
</table>

Static water level: ______ ft.
Pumping water level: ______ ft.
at ______ gallons per minute, measured ______ minutes after pumping began.
*Measured from ground level.
Well developed by ______ for ______ hours.
Power: Pump: ______ HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

**DRILLER'S LOG**

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.**
Each small square represents 40 acres.

Driller's Signature: ___________
Driller's Address: ___________

**LICENSE NO.** ___________

**Top of Ground (Elev. above sea level)**

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SHOW EXACT DEPTH OF BOTTOM**

<table>
<thead>
<tr>
<th>Depth at Bottom (Foot)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>304</td>
</tr>
</tbody>
</table>

5/3/79
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 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.

INVERNESS LAND & CATTLE MANAGEMENT CO.

Owner: Livingston, Montana

Address: File

Date well started: Nov. 16/72

GW 1

Completed: April 3/73

Type of well: Drilled

Equipment used: Rotary

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

Describe: Stock well only, Antelope Mountain

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 Initial Hole</th>
<th>Size and Weight of Liner</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Mcln Size</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8&quot;</td>
<td>17# Plastic Liner</td>
<td>0</td>
<td>60</td>
<td></td>
<td>none</td>
</tr>
<tr>
<td>6&quot;</td>
<td>Plastic Liner</td>
<td>0</td>
<td>483</td>
<td>1/8&quot; x</td>
<td>304</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2&quot;</td>
<td>483</td>
</tr>
</tbody>
</table>

Static water level: 288 ft.

Pumping water level: 390 ft.

at 4 gpm, measured 180 minutes after pumping began.

Well developed by Air.

Power: Pump.

Remarks: Gravel packing cementing, packers, type of shut-off.

Packer set at 270 ft. On 1/2" Liner

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

Driller's Signature: VAN DYKIN DRILLING CO.

Driller's Address: BOZEMAN, MONTANA

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>483</td>
</tr>
<tr>
<td>483</td>
<td>504</td>
</tr>
<tr>
<td>504</td>
<td>543</td>
</tr>
<tr>
<td>543</td>
<td>630</td>
</tr>
<tr>
<td>630</td>
<td>683</td>
</tr>
<tr>
<td>683</td>
<td>704</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.
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, to state, otherwise the
form may be returned.

DEPARTMENT OF LAND AND CATTLE
Owner: WILBERT S. SMITH
Address: LEYTONSTATION, FULTON, MONTANA

Date well started: Nov. 16/72
well completed: Dec. 19/72

Type of well: Drilled
Equipment used: Rotary
Water Use: Domestic, Municipal

*Describe:

USE: It used for irrigation, industrial, drainage or other purpose.
State number of acres and location or other data that can
be added.

Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Depth of</th>
<th>Water</th>
<th>Feet</th>
<th>From</th>
<th>To</th>
<th>Holes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8</td>
<td>6</td>
<td>0</td>
<td>30 ft</td>
<td>30 ft</td>
<td>none</td>
</tr>
</tbody>
</table>

Driller's Log:

Clay and broken
up rock, 6 ft.

6 ft. Far Argillite 0 30 ft. 1/10th 30 ft. 3/10th

From 4 1/2 ft. to 30 ft. 10th

Note: Each small square represents 10 acres.

Indicate Location of Well and State of Use. Each letter within the
square represents 10 acres.

Driller's Name: JAN DEKKER DRILLING CO.
Driller's Address: Box 11, P.O. Box 430
Clerk of the County:

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

ORVAL S. ELLISON and ROSA M. ELLISON, of Hoffman Route, Livingston, Montana,
(Name of Appropriator) (Address) (Town)

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 of livestock

3. Date or approximate date of earliest beneficial use: December 11, 1951
   Use continuous

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

5. If used for irrigation, give the average 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:
   Natural flow springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Not applicable

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:
   Natural flow springs

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

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

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

Signature of Owner: ORVAL S. ELLISON
Date: December 26, 1963

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

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

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

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

Edward and June Mott
Hoffman Route, Livingston, Montana

1. County of Park
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>S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1915 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 gals. 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 does not apply

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: 1915

8. The depth of water table: 6 to 10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 16" casing 22 ft. deep

10. The estimated amount of groundwater withdrawn each year: 91,250 gals. per year

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

Signature of Owner: [Signature]
Date: 2-6-62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Dec. 22, 1963

Filed this ___ day of December A.D. 1963
at ___ A.M.

Margaret Monroe
County Clerk and Recorder.

By ___

J.S. 

Sec. 29, 19
MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Owner: [Name], Address: [Address]
Driller: [Name], Address: [Address]
Date Started: Sept 1939, Date Completed: Sept 1939
Location: Sec. 25, T. 41 N., R. 89 W., 1/4 sec. N.W.

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

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

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

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

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

This well is cemented at top only.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>3 feet top soil, balance large fracture intermittently mixed with coarse gravel and sand.</td>
<td></td>
</tr>
<tr>
<td>Depth of well 206 ft.</td>
<td></td>
</tr>
</tbody>
</table>
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.

**For Administrator's Use**

---

**Owner**

**Address**

**Date well started**

**Date well completed**

**Type of well** (Dug, driven, bored or drilled)

**Equipment used** (Churn drill, rotary or other)

**Water Use**

*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**

**PERFORATIONS**

**Static water level**

**Pumping water level**

*Measured from ground level. Well developed by ** for ** hours.

**Power**

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

---

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

**Show exact depth of bottom**

---

**License No.**
No. 121856
Filed this 25th day of
August 10, 1911

_____ Geo, Mayor

Margaret Thompson,
Clerk of Court and Recorder.


Lee $2.00

Lee $2.00
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.

INVERNESS LAND AND CATTLE
Owner MANAGEMENT INC.
Address LIVINGSTON, MT

Date well started Aug. 15/72
completed Oct. 28/72

Type of well Drilled
Equipment used Rotary drill rig

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>Site of Bore</th>
<th>Rise and Weight of Casing</th>
<th>Depth to (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6&quot;steel 0</td>
<td>1 7/&quot;</td>
<td>129</td>
<td>1 8/&quot; x 381</td>
</tr>
</tbody>
</table>

Static water level 299 ft.
Pumping water level 360 ft.
at 48 gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level.
Well developed by air for 3 hours.
Power Pump HP Remarks: (Gravel packing, cementing, packers, type of shutoff)

Drill cutting a shutoff outside of 6" casing.

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

Driller's Signature VAN DYKAN DRILLING CO.
Driller's Address

LICENSE NO. 381

Show exact depth of bottom
#15674
Noted this 18th day of
November A.D. 1926

Ed. Clark & Co.
Margaret Munro,
County Clerk and Recorder.

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

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

1. ORVAL L. ELLISON and EDNA M. ELLISON of Livingston, Hoffman Route, 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 of livestock

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: May 5, 1912, have continued

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not applicable

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: Natural flow spring

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

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

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

Signature of Owner: [Insured M. Ellison]
Date: December 26, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropurator.
No. 49762
Filed this 27th Aug.
Recorded 24th Dec. 1963
P hi.
Margaret的原则
County Clerk and Recorder
By
fee $3.00
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

United States of America

Washington, D.C.

(Name of Appropriator)

(Address)

(Town)

County of

State of

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1862, 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.
979.01

Filed this 27th day of
December A.D. 1963
at 21:55 o'clock G. M.

Margaret [illegible]
County Clerk and Recorder.

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

WATER WELL LOG

Owner: Ernest G. Dannel
Address: Butte, Mont.

Driller: Harvey Van Dyke
Address: Butte, Mont.

Date Started: October 1, 1939
Date Completed: October 1, 1939

Location: Sec. 4, T. 41 S., R. 90 W., 1/4 sec. 14

Type of well: Drilled
Equipment used: Churn

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

Casing: 75 ft. to ______ ft. Type: Iron, Size: 4 1/4" OD.
Casing: ______ ft. to ______ ft. Type: ______ Size: ______
Casing: ______ ft. to ______ ft. Type: ______ Size: ______

Perforated or Screened: ______ ft. to ______ ft. ______ ft. to ______ ft.

Type of screen or perforations: ____________________________

Static Water level, for non-flowing well: ___________ feet.
Shut-in pressure, for flowing well: ___________ lb./sq. in. on: ___________ (date)

Pumping water level: ______ feet at ______ gal. per min.

How tested: ____________________________

Length of test: ____________________________

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

Cemented at ________ ft. ____________

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Split top and til, coarse gravel and sand</td>
</tr>
<tr>
<td></td>
<td>Depth 175 feet</td>
</tr>
</tbody>
</table>

Log of Well
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Signature]

T. H. S. R. E.  
County: Flathead

(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961)

Declaration of Vested Groundwater Rights

(Name of Appropriator) of (Address) of (Town)

County of Flathead, State of Montana

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

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

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.
# 94165

Filed the 2nd day of January A.D. 1963
at 9:10 a.m.
Margaret Monroe
County Clerk and Recorder
By: Wm. James Lee

Sec. 52:00
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<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Vincent H. H.</td>
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<td>Type of Form</td>
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<td>Remarks</td>
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<td>34</td>
<td>W. A. Hatchet, Inc.</td>
<td>G04</td>
<td>92240</td>
<td></td>
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<tr>
<td>35</td>
<td>Josephine Valton</td>
<td>G04</td>
<td>92220</td>
<td></td>
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</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** AL VITZ  
**Address:** LIVINGSTON, MONT.

**Driller:** VAN DYKEN DRILLING COMPANY  
**Address:** BOZEMAN, MONT.

---

**Top of Ground**

(Elev. above sea level)

**Soils, clays:**

**Sand, gravels and large boulders:**

**Send and gravels:**

**Clean sand and gravels:**

**Water:**

---

**T.D. 121'**

**Size of Drilled Hole**

**Size and Weight of Casing**

**From**

**To**

**Ekl**

**Ft.**

**Kiln**

**Ft.**

**To (Ft.)**

**Groundwater**

---

**PERFORATIONS**

---

**Static Water Level for non-flowing well**

**Shut-in Pressure for flowing well**

---

**Shut-in Pressure for flowing well**

---

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

---

**How Tested**

---

**Length of Test**

---

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

**Drill mud**

outside of casing for shut off of upper water.

---

**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**

**Burt Van Dyken**

---

**Date:** 4/4/65

---

**Disc**

---

**Plot**

---

**Show exact depth of bottom.**

---

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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Rev. # 111765

Filed on 19th Day of

April 6th, 1966

11:20 A.M. P.M.

Maurice Manion
County Clerk and Recorder.

By: Charles Lee

Deed $7.00

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

1. J.T. Adams, of Hoffman, Route 1, Livingston, (Name of Appropriate)
   (Address)
   County of Park, State of Montana

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

   2. The beneficial use on which the claim is based:
      (House use and townhouse use)

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      for family use and 75 head of cattle

   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
      [Signature]

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      1940

   8. The depth of water table:
      About 10 ft.

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

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

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

   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]

   Signature of Owner: J.T. Adams
   Date: Dec. 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
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: TOM BANSTRA
Address: LIVINGSTON, MONTANA

Date well started: 9/8/71
Completed: 9/17/71

Type of well: Drilled
Equipment used: Rotary

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Use of Water</th>
<th>Site and Number of Wells</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8&quot; O.D.</td>
<td>0</td>
<td>91'</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 88 ft.
Pumping water level: 110 ft.
at 20 gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level.

Well developed by surging for 3 hours.
Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Bentonite shutoff outside of casing to 100' rubber packer set on casing at 100'.

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

Driller's Signature: Van Dyken Drilling Co.
Driller's Address: VAN DYKEN DRILLING CO.

LICENSE NO: 1

RECEIVED

counter: FARK

Driller's Address: VAN DYKEN DRILLING CO.

LICENSE NO: 1

59263
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. School District #19 of Hoffman Route Livingstone
   (Name of Appropriator) (Address) (Town)
   County of Park State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1960, as follows:

    N

    W

    S

    E

   NW ¼ Sec. 1 T. 49 S. 2 E
   Indicate point of appropriation
   and place of use, if possible.
   Each small square represents 10 acres.

2. The beneficial use on which the claim is based ...Schoolhouse, drinking and toilet facilities

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ...about 1955. Used continuously since...

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...None

6. The method of withdrawing such water from the ground and the location of each well or other means of withdrawal...
   2/4 H. P. electric jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...1955

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...3/4 H. P. electric jet pump, 6 in. casing, about 110 ft. deep

10. The estimated amount of groundwater withdrawn each year...135,000 gal.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...refer to Montana State Board of Health, Dir. of Sanitary Engineering, Helena, Montana.

School District #19
Chairman, Board of Trustees
Date: December 23, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Broadcasting Valley
Address: Marion, Mont

Driller: Donald C. Jones
Address: Bozeman, Mont

Date of Notice of appropriation of groundwater: ____________
Date well started: ____________
Date completed: ____________

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

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

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

<table>
<thead>
<tr>
<th>Strata Met With</th>
<th>Depth (Feet)</th>
<th>Thickness</th>
<th>Character</th>
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<tr>
<td>Sand and Gravel</td>
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<td></td>
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</tr>
<tr>
<td>Sand and Gravel</td>
<td>40</td>
<td></td>
<td></td>
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</tbody>
</table>

Static Water Level for non-flowing well ____________ feet.
Shut-in Pressure for Flowing Well ____________ feet.
Pumping Water Level ____________ feet at ____________ gal. per minute.
Discharge in gal. per min. of flowing well ____________.
Length of Test ____________

How Tested: ____________
Remarks: (Gravel packing, cementing, packers, type of shut-off) ____________

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Show exact depth of bottom.

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

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

Driller's License Number
17

Driller's Signature
4/13/34
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 227, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works
are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Edna Carter
Address: Hoffman Route, Lirington, Montana
Contractor (if any): none
Address of Contractor: none
Date Started: none
Date Completed: none

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

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

3. Depth of water table
   unknown

4. Use of the water
   stock water and
   fish ponds

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

6. If used for irrigation, give number of acres and description of land
   none

7. Estimate amount of water used each year
   unknown

8. Months of year spring flows
   twelve

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated

Signature of Owner: Edna Carter
Date: June 24, 1973
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

G. C. Erickson
Livingston, Mont

Owner

Address

Driller

Address

Date of Notice of Appropriation of Groundwater: July 27, 1966

Date well started: July 27, 1966
Date Completed: July 27, 1966

Type of well: Drilled

Equipment Used: Cable tools

Water Use: Domestic

Equipment Used: Drilled

Water Use: Municipal

Equipment Used: (Churn, drill, rotary or other)

Water Use: Other

Equipment Used: None

Water Use: Irrigation

Equipment Used: None

Type of well: Drilled

Equipment Used: None

Water Use: Industrial

Equipment Used: None

Water Use: Drainage

Equipment Used: None

Water Use: Stock

Equipment Used: None

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level:</th>
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<tr>
<td>0' to 5'</td>
<td>Soils and clays</td>
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<tr>
<td>5' to 29'</td>
<td>Sands and gravels</td>
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<td></td>
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<tr>
<td>29' to 33'</td>
<td>Large boulders</td>
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<td></td>
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<tr>
<td>33' to 56'</td>
<td>Clays</td>
<td></td>
<td></td>
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<tr>
<td>56' to 77'</td>
<td>Loose fine sands</td>
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<tr>
<td>77' to 86'</td>
<td>Clean sands and gravels</td>
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T.U. 86'

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<th>Size of Defiled Holes</th>
<th>Riss and Weight of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<td>6 5/8''</td>
<td>0</td>
<td>86</td>
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Static Water Level for non-flowing Well: none feet.

Shut-in Pressure for flowing Well: 30

Pumping Water Level: 30 gal. per minute.

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

How Tested: Dealer

Length of Test: 1 Hr.

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

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

Show exact depth of bottom.

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.
F 110721

Blood

9th

December 6, 1967

2:10 p.m.

Margaret Monical

Clerical Clerk and Registrar

Sctt Ocean, Jr.

Dec. 2, 68
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: 1900
Hoffman Route
Owner: Paul T. Wright
Address: Livingston, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: 1900
Date Completed: 1900

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water is piped from spring in section 5, T48, R9E, to owner's lands in section 4, T48, R9E by gravity flow. Cement covering on springs.

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.

Estimated at 5 gal. per minute. Used for domestic purposes and then for stock watering.

Signature of Owner: Paul T. Wright
Date: December 31, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Approprietor.
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. Clyde J. and Mary E. Sullivan, of Hoffman Route, Livingston,
   (Name of Appropriator)
   (Address)

   County of Park
   State of Montana

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

   2. The beneficial use on which the claim is based: 3 springs used for stock & household use - open all year

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Purchased property in 1950 but has been in continuous use for years preceding—exact date not known

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 150 inches approx.

   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: Pipe and natural run off

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

   8. The depth of water table: unknown - surface and part of springs

   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: Springs

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

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

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Previously filed upon Hathorne Spring, Park County office of Clerk and Recorder

   Signature of Owner: Clyde Sullivan
   Date: 31 Dec 1963

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

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

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

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

Date of Appropriation of Groundwater... 1990.

Owner... Ignatz Juvan... Address... Livingston, Montana

Contractor (if any)... None... Address of Contractor...

Date Started... 1990... Date Completed... 1990.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Free flowing springs arising in section 5, T. 48, R. 9E, with cement covering. Water piped one mile to Juvan's lands in section 4, T. 48, R. 9E.

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...

Quantity unknown, but sufficient for domestic purposes and for watering 60 head of cattle. Used continuously.

Signature of Owner... Ignatz Juvan... Date... December 23, 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 School of Mines and Quadruplicate for the Approprietor.
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>(Town)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annabelle Neubit Anderson</td>
<td>Livingston</td>
<td></td>
</tr>
</tbody>
</table>

County of_______ State of_______

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

1. **Stock Water**

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...continuously since 1950

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. The water arises to the surface without any artificial devices and is then piped into a tank.

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**

File No.________

File No.________

Date_______

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

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>NE</th>
<th>Sec 6</th>
<th>T4S R9E</th>
</tr>
</thead>
</table>

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

Date of Appropriation of Groundwater: 1900

Hoffman Rte.
Owner: Paul T. Wright
Address: Livingston, Montana

Contractor (if any): None
Address of Contractor: 

Date Started: 1900
Date Completed: 1900

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

Water is piped about 200 yards from spring on south side of road to stock water trough on north side of trail.

Creek fed by gravity flow. Spring excavated and cleared.

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:

Estimated at 3 gal. per minute.

Used for stock watering.

Signature of Owner: Paul T. Wright
Date: December 31, 1963

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

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

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

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

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

### Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>1.56</td>
</tr>
<tr>
<td>1.56</td>
<td>3.5</td>
</tr>
<tr>
<td>3.5</td>
<td>11.7</td>
</tr>
<tr>
<td>11.7</td>
<td>12.9</td>
</tr>
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<td>12.9</td>
<td>13.5</td>
</tr>
<tr>
<td>13.5</td>
<td>14.6</td>
</tr>
<tr>
<td>14.6</td>
<td>14.9</td>
</tr>
<tr>
<td>14.9</td>
<td>15.7</td>
</tr>
</tbody>
</table>

### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.5'</td>
<td>0.0</td>
<td>124</td>
<td>160</td>
<td>N</td>
</tr>
</tbody>
</table>

- Static water level: 1.7 ft.
- Pumping water level: 160 ft.
- Power: Pump HP
- Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

**Driller's Signature:**

**Driller's Address:** Montanta, Bozeman

**License No:** 17
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Robert L. Weber
617 Main, Red Lodge, Montana

County of Park State of Montana

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   5 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
   Acreage
   Owner

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...
   Feb. 1956

8. The depth of water table...
   125'

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
   DEEP

10. The estimated amount of groundwater withdrawn each year...
    50,000 gal.

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

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

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.
Filed this 21st day of
Dec. 1 A.D. 1963
at 2:15 P.M.
Margaret Bonvill
Clerk and Recorder.
By
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

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

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

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

Owner: NEIL FRANCIS
Address: LIVINGSTON, MONTANA

Date well started: 1/12/73
Completed: 1/16/73

Type of well: Drilled

Equipment used: Cables, tools

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

*Describe Camp Grounds.

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 Weight of Casing</th>
<th>Depth (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>0</td>
<td>91</td>
<td>2 x 3&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>8 slots 86</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>89</td>
</tr>
</tbody>
</table>

Static water level: 67 ft
Pumping water level: 71 ft
at 30 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by pumping for 2 hours.

Power: 25 HP

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

Thick clays and drill cuttings shutoff outside of casing from 0 to 85 ft.

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

Each small square represents 40 acres.

Driller's Signature: [signature]

Driller's Address: VAN DYKEN DRILLING CO.

BOZeman, MONTANA

LICENSE NO. 0 21
Filed this 11th day of April, A.D. 1973.

Margaret Monreal
County Clerk and Recorder

W. J. Sherry
Chief Deputy
Deputy
20-2-40
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Mark Frelich**, c/o Hoffman Co., Livingston
   (Name of Appropriator)
   (Address)
   County of Park
   State of Montana

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

   2. The beneficial use on which the claim is based is for **home, garden and stock water**.

   3. Date or approximate date of earliest beneficial use: **July 1, 1945**. Has been in continuous use ever since for the above stated use.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) **128 gals. per 2 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(s) or other works for withdrawal of groundwater: **started drilling well in Dec. 1944 and completed drilling in Feb. 1945**.

   8. The depth of water table at the time of completion: **73.5 ft. to water level**.

   9. So far as it may be available, the type, size, and depth of each well or the general specification of any other works for the withdrawal of groundwater: **drilled, cased with iron casing, 86 ft. deep**.

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

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

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

   Signature of Owner: **Mark Frelich**
   Date: **Dec. 18, 1963**

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
Doc. # 97619

Filed this 10th day of
December, A.D. 1963
at 11:25 a.m.

Margaret Ironside
Clerk and Recorder.

fee $2.00

Debtor