Alvin Merritt

to

The Public.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Missoula Livestock Auction Company**, of Box 1490, Missoula

   (Name of Appropriator) (Address) (Town)

   **County of Missoula, State of Montana**

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

   - **N**
   - **W**
   - **E**
   - **S**

   SW 1/4 Sec. 36, T. 23 N, R. 22 W

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

   **Being purchased from The State of Montana by Missoula Livestock Auction Company.**

2. The beneficial use on which the claim is based: **Artesian Well, used for Livestock Water.**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **Used since the year of 1948, and used year-around since.**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **500 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: **This could be used for irrigation, but has been only used for livestock water.**

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

   **Artesian Well brings water to surface, located in the SW 1/4 of Section 36, Twp. 23 N, in Range 22 W.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Artesian Well completed in the year of 1948, by Bill Pickett, who drilled the well. Pickett was adjoining ranch.**

8. The depth of water table: **53 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: **Artesian Well — 53 feet in depth — with two (2) inch casing, withdrawal of groundwater by natural artesian pressure.**

10. The estimated amount of groundwater withdrawn each year: **Not known — but well runs constantly.**

11. The log of formations encountered in the drilling of each well if available: **Bill Pickett was driller. Log of formations 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.**

Signed by Missoula Livestock Auction Company

**President**

**Signature of Owner**

**Secretary**

Date: **January 17, 1964**

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lodwell, Frena</td>
<td>GW 4</td>
<td>168178</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Michael, M.s. Mary Ann</td>
<td>GW 2</td>
<td>179473</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Vinson, Robert W.</td>
<td>GW 3</td>
<td>162857</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Vinson, Robert W.</td>
<td>GW 3</td>
<td>205111</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Vinson, Robert W.</td>
<td>GW 3</td>
<td>162857</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Trampkins, Pearl</td>
<td>GW 3</td>
<td>157393</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Trampkins, Pearl</td>
<td>GW 3</td>
<td>157394</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Ringer, J.M.</td>
<td>GW 2</td>
<td>210662</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Upham, Robert G.</td>
<td>GW 3</td>
<td>162643</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Upham, Robert G.</td>
<td>GW 3</td>
<td>162644</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Ringer, J.M.</td>
<td>GW 2</td>
<td>210664</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Ringer, J.M.</td>
<td>GW 2</td>
<td>210663</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Gould, John R. &amp; George R.</td>
<td>GW 3</td>
<td>158623</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Gould, John R. &amp; George R.</td>
<td>GW 3</td>
<td>158623</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Kelly, George A.</td>
<td>GW 4</td>
<td>162706</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Kelly, George A.</td>
<td>GW 4</td>
<td>162706</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Smith, Est. &amp; Gertrude</td>
<td>GW 2</td>
<td>194923</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Smart, George W.</td>
<td>GW 4</td>
<td>162472</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Ratzberg, M.W.</td>
<td>1961 Well Log</td>
<td>162843</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Ratzberg, M.W.</td>
<td>1961 Well Log</td>
<td>162844</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Schultze, Kern</td>
<td>GW 2</td>
<td>201732</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Smart, George W.</td>
<td>GW 2</td>
<td>167308</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Henschel, W &amp; Edna E.</td>
<td>1961 Well Log</td>
<td>166997</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Henschel, W &amp; Edna E.</td>
<td>1961 Well Log</td>
<td>166997</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>McKay, Alvin A.</td>
<td>GW 4</td>
<td>162646</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Davis, Homer T.</td>
<td>GW 3</td>
<td>165847</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Van Voost, Curtiss E</td>
<td>GW 4</td>
<td>158055</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Appelt, Edward R.</td>
<td>1961 Well Log</td>
<td>149316</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Appelt, Edward R.</td>
<td>1961 Well Log</td>
<td>149316</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Styles, Arline</td>
<td>GW 4</td>
<td>162910</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Haack, Walter</td>
<td>GW 2</td>
<td>140880</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Nelson, Peter N.</td>
<td>1961 Well Log</td>
<td>150478</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1956, continuous use since 1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute) estimated flow from four springs
   10 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
   approximately 30 acres irrigated with overflow from four springs
   owned by appropriator

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   spring reservoirs piped to stock water tanks, overflow distributed (culvert under highway to eastern most 20 acres)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   lined, constructed prior to 1956

8. The depth of water table not applicable

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; spring reservoirs for collection of water and distribution by pipe outlet

10. The estimated amount of groundwater withdrawn each year estimated at about 3,000,000 gallons per year

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

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

Signature of Owner: [Signature]
Date: Dec 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.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1960

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Mrs. Mary Ann Muhlen Address: Polson, Montana

Driller: Glenn Camp 705 Alder Address: Missoula, Montana

Date of Notice of appropriation of groundwater

Date well started: 3/20/67 Date completed: 4/3/67

Type of well: Drilled Equipment used: Churn drill

(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D. to 17&quot;</td>
<td>6&quot; I.D. to 17&quot;</td>
<td>21'1&quot; G.L. to 131'</td>
<td>Open hole to 160'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

48' feet

Shut-in Pressure for Flowing Well

Pumping Water Level

70' feet

at 6 gal. per minute.

Discharge in gal. per min. of flowing well

Test pump

Length of Test: 3 hours

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

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

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

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

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

Driller's Licenses Number: 7

Driller's Signature: [Signature]

Date of Notice: 4/3/67

April 24, 1967

DЮLlРАТIDЕ
179473

Water Report.

Mary Ann Mitchell

To

The Public

STATE OF MONTANA
County of Lake
Filed on the 30 day of April
A. D. 1967 at 9:45 o'clock A.M.

ETHEL M. HARDING
County Clerk and Recorder

By Max Johnson
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 | Approx. 1910 |
| Owner | Robert W. Vinsen |
| Address | Big Arm, 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.

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:
- Approx. 2 gals. per minute - constant use - stock watering, until limit of use at present to be developed;
- Approx. 15 gals. per minute - constant use - stock watering, No. 4 - Approx. 10 gals. per minute - household use only;
- Stock use - constant use.

Signature of Owner: Robert W. Vinsen
Date: Dec. 27, 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.
Water Report
Robert A. Wesson
To the Public

STATE OF MONTANA

County of Lake

Filed on the 27th day of ...

1010 12:00 o'clock (P.M.

[Signature]

County Clerk and Recorder

$1.00
Notice of Completion of Groundwater Appropriation

Without Well

Date of Appropriation of Groundwater: About 1910

Owner: Robert W. Vinson
Address: Big Arm, Montana 59910

Contractor (If any): 
Address of Contractor: 

Date Started: Date Completed:

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

Spring developed

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

3) Depth of water table

4) Use of the water

stock water

5) Amount of groundwater claimed (in miner's inches, or gallons per minute—estimated)

100-300 gallons per minute—estimated

6) If used for irrigation, give number of acres and description of land

7) Estimate amount of water used each year: 10,000,000 gals.

Signature of Owner:
Date: June 27, 1973

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.
Groundwater Appropriation

Robert W. Vinson

to

The Public
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: Almost 1912
Owner: Robert W. Vincent
Address: Big Arm, Montana

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

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...

3 gals. per minute

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.

Signature of Owner: ___________________________
Date: ___________________________
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Nov 16, 1962
Owner: Paul Tompkins
Address: Big Arm

Contractor (if any) ...............................................
Address of Contractor ..............................................

Date Started: Nov 23, 1961
Date Completed: Nov 23, 1961

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

Development and excavation of
Spring in NE + NE + SE + Sec 8, T23N.
R.21 W with pipe line to SW + SW.

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.

Year around for stock water and irrigation

Signature of Owner: Paul Tompkins
Date: November 16, 1962

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropiator.
STATE OF MONTANA
County of Lake

Filed on the 14th day of July
A.D. 1962 at 1:42 o'clock P.M.

HAZEL RINICK
County Clerk and Recorder

By G. C. Hemmings
Deputy
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>1960</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Pearl Thomas</td>
</tr>
<tr>
<td>Address</td>
<td>Big Arm, Mt.</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td></td>
</tr>
<tr>
<td>Address of Contractor</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>Nov. 29, 1961</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Nov. 21, 1961</td>
</tr>
</tbody>
</table>

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

**Development and excavation of natural spring and piping to stock in SW 1/4 SE 1/4 Sec. 5 T23N R21W**

**Constantly - year around except when frozen**

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximate: 10-15 Gals per minute</td>
</tr>
</tbody>
</table>

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

Signature of Owner: Pearl Thomas
Date: November 14, 1961

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriaor.
STATE OF MONTANA
County of Lake,
Filed on the 15th day of November A.D. 1962, at 11:30 o'clock A.M.

MAZEL KIRNICK
County Clerk and Recorder

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

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

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

Owner: ____________________________  For Administrator's Use: ____________________________
Address: ____________________________  File: ____________________________

Date well started: __________________  GW: __________________
completed: __________________ ______

Type of well: ____________________________ (Dug, driven, bored or drilled)
Equipment used: ____________________________ (Churn drill, rotary or other)
Water Use: Domestic ☐  Municipal ☐  Stock ☐  Irrigation ☐
Industrial ☐  Drainage ☐  Other ☐  Garden/Lawn ☐

*Describe _____________________________________________________________________________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Location of Water Supply (Acres)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level ____________ ft.*
Pumping water level ____________ ft.*
Depth ____________ ft.
gallons per minute, measured ____________ minutes after pumping began.
*Measured from ground level.
Well developed by __________________ for ____________ hours.
Power: ____________________________ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) __________________________________________________________________________

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

Driller's Signature: ____________________________
Driller's Address: ____________________________

Show exact depth of bottom _______
No 1527

Well Report

J. N. Ringer

to

The Public

STATE OF MONTANA

Filed in the
County of

29th day of June
A. D. 1909

ELISHA M. MACKAY
Justice, Clerk and Recorder

ELISHA M. MACKAY

Denied
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: 1941
Owner: Robert C. Upham
Address: Polson, Montana

Contractor (if any): None
Address of Contractor:

Date Started: 1941
Date Completed: 1941

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring was cribbed with cement and protective house built over spring and water pumped with electric pump.

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 flows over retaining portion and domestic supply pumped; exact amount of water unknown but use continuous.

Signature of Owner: Robert C. Upham
Date: December 12, 1963

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

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

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

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

Filed on the 20th day of December
A. D. 1943, at 1:00 o'clock P.M

HAZEL KUNICK
County Clerk and Recorder

By: [Signature]

Deputy

[Signature]

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

Date of Appropriation of Groundwater: 1951

Owner: Robert G. Upham
Address: Polson, Montana

Contractor (if any): None
Address of Contractor: 

Date Started: 1951       Date Completed: 1951

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Two springs cribbed with rock and
cement covered by wood cover overflows naturally,
and used for stockwater.

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: Unknown

Signature of Owner:

Date: December 12, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1963
(Under Chapter 237 Montana Session Laws, 1961, amended)

This form to be prepared by driller, and three copies to be retained 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 ......... R. W. R. Atterbury
Address ...... 955 West State St.
Montana
Date well started: May 22, 1973
completed: July 1, 1973

Type of well: Dug
Equipment used: Churn drill
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Holes</th>
<th>Size and Weight of Material</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kild Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7''</td>
<td>5-1/4''</td>
<td>6''</td>
<td>146</td>
<td>3-1/4''</td>
<td>146</td>
<td>383</td>
</tr>
</tbody>
</table>

Static water level: 525 ft.
Pumping water level: 425 ft.

Power: Pump 1 HP
Remarks: Gravel packing, cementing, packers, type of shutoff

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

Driller's Signature: ____________________________
Driller's Address: ____________________________
LICENSE NO. 7
Well Report

J. H. Ringer

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 29th day of June

A.D. 19.

L. Harding

County Clerk and Recorder

By

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

(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

Jr. Ranger

### Address

File 10570, MT 10603

### Date Well Started

June 2, 1973

### Date Well Completed

June 2, 1973

### Type of Well

Drilled

### Equipment Used

Drill Rig

### 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

#### Date of Drilled Hole

1973

#### Size and Weight of Casing

17 in. x 10 ft.

#### Depth

49 ft. below ground level

#### Perforations

**N**

- Static water level: 49 ft.
- Pumping water level: 20 ft.
- Measured with: Posi-Flow

*Measured from ground level.

**W**

**X**

**S**

*NW 1/4 SW 1/4 Sec. 9

T. 23 N R. 2 E

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

### Remarks

- Gravel packing, cementing, packers, type of shutoff

### Power

- Pump: 1 HP

### Remarks:

- Driller's Signature

- Driller's Address

- License No.

---

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>150</td>
<td>200</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.
R- 1528

Well Report

J.H. Ringer

to

The Public

STATE OF MONTANA
County of Lewis
Filed on the 29th day of June, 1918
A.D. 1918

EDWIN M. WASS
County Clerk and Register
by

Depository
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater...February 15, 1963

John Robert Gould
Owner. George Robert Gould
Address... Polson, Montana

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: Seepage
undeveloped spring

The West Half of the Southwest Quarter

(\(\frac{1}{2}\)SW\(\frac{1}{4}\))

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.

Used for stock water

Signature of Owner... John Robert Gould
Date. February 15, 1963

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

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

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

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

County of Lake,

Filed on the 15th day of July,
A. D. 1976, at 2:30 o'clock, P.M.

HAZEL KINNICK
Clerk, and Recorder

By


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

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

1. George A. Kelly
   (Name of Appropriator)
   (Address)
   (Town)
   County of Lake
   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 and Sheep on Castle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1948, all the time

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

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: 100 acres of land on the Castle

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1948, finished in same year

8. The depth of water table: 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: A dug well 15 ft across

10. The estimated amount of groundwater withdrawn each year: Three Thousand six hundred

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No record

Signature of Owner: George A. Kelly
Date: 12-18-63

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
R 4 3 6
1627406
George A. Kelly

To
The Public

STATE OF MONTANA
County of Lake.

Filed on the 23 day of ____________ A. D. 19___ at 10 o'clock M.

HAZEL KINNEK
County Clerk and Recorder

By ____________

Deeds
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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.

Carl A. Seifert, Owner

Date well started: __________
Date well completed: __________

Type of well: __________

Equipment used: __________


Describe: __________

Top of Groundwater: __________

Estimated Annual Withdrawal: __________ gal.

Well developed by __________ for __________ hours.

Power: __________ HP.

Remarks: __________

Driller’s Address: __________

Driller’s License No: __________

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE: EACH SMALL SQUARE REPRESENTS 40 ACRES.
below 227 feet.

Note: Wells in this area can be depended upon to produce clear sand-free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 70 to 80 percent of the tested capacity of the aquifer.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. George W. Smart, PO Box 21W, Polson
   (Name of Appropoiator) (Address) (Town)
   County of Lake State of Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      Jan 6 1955 Continuous

   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
      Electric Submersible Pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Jan 5 1955

   8. The depth of water table
      111 feet

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

   10. The estimated amount of groundwater withdrawn each year

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

   Signature of Owner: George Smart
   Date: Dec 12 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Lake.
Filed on the 12th day of Feb.,
A.D. 1963, at 111 Five Feet

HAZEL KIRK
County Clerk and Recorder

By ____________________
Deputy
Form No. 18 8-60

WATER WELL LOG

Owner M.W. Ratzburg  Address Poison, Montana
Driller Glenn Camp  Address Missoula, Mont
Date Started Nov 6, 1961  Date Completed Nov 24, 1961
Location: Sec. 24  T. 23  R. 11  1/4 sec. N.E. 1/4

Type of well Drilled  Equipment used Churn Drill
Type of well (Bag, driven, bored, or drilled)

Water use: Domestic  Municipal  Stock  Irrigation
Industrial  Drainage  Other

Casing: 1' above ground level to 268' ft.  Type Seamless  Size 5" I.D. 19 lbs
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:  255' from top of casing  feet.
Shut-in pressure, for flowing well:  lb./sq. in. on:  (cat)

Pumping water level  257' feet at  10 gal. per min.

How tested:  Bailer
Length of test 3 hours

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

Put in exact location and file with County Clerk & Recorder

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>18&quot;</td>
<td></td>
<td>Top Soil</td>
</tr>
<tr>
<td>18&quot;</td>
<td>10'</td>
<td></td>
<td>Clay &amp; Boulders</td>
</tr>
<tr>
<td>10'</td>
<td>27'</td>
<td></td>
<td>Clay, gravel &amp; Boulders</td>
</tr>
<tr>
<td>27'</td>
<td>52'</td>
<td></td>
<td>Clay with some gravel</td>
</tr>
<tr>
<td>52'</td>
<td>85'</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>85'</td>
<td>108'</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>108'</td>
<td>116'</td>
<td></td>
<td>Clay &amp; gravel</td>
</tr>
<tr>
<td>116'</td>
<td>128'</td>
<td></td>
<td>Clay with some gravel</td>
</tr>
<tr>
<td>128'</td>
<td>185'</td>
<td></td>
<td>Tight clay &amp; gravel</td>
</tr>
<tr>
<td>185'</td>
<td>201'</td>
<td></td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>201'</td>
<td>223'</td>
<td></td>
<td>Clay &amp; Gravel</td>
</tr>
<tr>
<td>223'</td>
<td>259'</td>
<td></td>
<td>Clay &amp; broken rock</td>
</tr>
<tr>
<td>259'</td>
<td>266'</td>
<td></td>
<td>Broken rock with water</td>
</tr>
</tbody>
</table>

STATE OF MONTANA

COUNTY OF LAMONT

Filed on the 8th day of April, A. D. 19--) by

[Signature]

[Date: 15-1-19--)]
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: Earn Schultz
Address box: 87
P.O. Box Montana

Date well started: 11/10/71
Completed: 11/12/71

Type of well: Drilled

Equipment used: Dug drill

Water Use: Domestic

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: 50,000

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Rate and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8 and 1&quot;Hammers Ground</td>
<td>129</td>
<td>( x )</td>
<td>( x )</td>
<td>( x )</td>
</tr>
</tbody>
</table>

Static water level: 92 ft.
Pumping water level: 81.5 ft.

Power: \( 10 \) horsepower

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: George A. Rehbein
Driller's Address: box 47

Am 111, Montana

License No. 224

Show exact depth of bottom

49449
STATE OF MONTANA
COUNTY OF LAKE

Filed on the 30th day of December A.D. 1971
at 11:45 o'clock A.M.

Ethel M. Harding
County Clerk and Recorder

[Signature]
Deputy

2.00
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

George W. Smart
Owner
Address: Polson, Mont

Glenn Camp
Driller
Address: Missoula, Montana

0 to 8' Clay & gravel
6' to 9' Gravel & a trace of water
8' to 36' Clay, gravel & boulders
36' to 37' Gravel & water
73' to 81' Clay, gravel & Boulder
81' to 113' Clay & gravel
113' to 115' Gravel & water

Notice of Completion of Groundwater Appropriation by Means of Well

Top of Ground
(Elev. above sea level ___)

Date of Notice of Appropriation of Groundwater...

Type of Well: Drilled
Equipment Used: Churn drill
(Churn, drill, rotary or other)

Date well started...
Date Completed...

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

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

Driller's License Number: 
Driller's Signature:

License # 7
Driller's License Number
Driller's Signature

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:

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.

38568
State of Montana,
County of Lake,
Filed on the 13 day of Oct.,
A.D. 1914, at 11 o'clock A.M.
HAZEL KINNICK
County Clerk and Recorder
By M. A. JOHNSON
Deputy
<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 15-1955</td>
<td>Dec 1-1955</td>
</tr>
</tbody>
</table>

**Location:** Sec. 25, T. 33 N. 21 W., 4th. P.M.

**Type of well:** Drilled

**Equipment used:** Drill

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

**Casing:** 40 ft. to 50 ft. Type: Metal Size: 4" 

**Casing:** 50 ft. to 60 ft. Type: 

**Casing:** 60 ft. to 70 ft. Type: 

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

**Type of screen or perforations:** 

**Static Water level, for non-flowing well:** 15 feet. 

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

**Pumping water level:** 12 feet at 17 gal. per min. 

**How tested:** Drilling

**Length of test:** 

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) 50' deep
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 10'</td>
<td>Clay</td>
</tr>
<tr>
<td>To 16'</td>
<td>Sand - Shallow layer</td>
</tr>
</tbody>
</table>

Log of Well

STATE OF MONTANA

Filed in the Clerk of D.I. at Great Falls, MT

R.19, T.46S, R.9

By:  

[Signature]

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

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

1. Alvin A. McKay
   (Name of Appropriator)
   County of Lake
   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 domestic uses and livestock watering.

   3. Date or approximate date of earliest beneficial use: The well was dug in 1958 and the use has been continuous from and after that date.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 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. The water is not used for irrigating commercial crops. It is, however, used for lawn and tree watering.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. The water is withdrawn by means of a Fairbanks jet pump located at the top of the well.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The construction of this well was commenced the latter part of July and completed the first part of August, 1958.

   8. The depth of water table is 3 to 4 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. This well was dug by the appropriator to the approximate depth of 12 feet. It is 8 foot by 8 foot square and is cased with a cement lining approximately 8 inches thick.

   10. The estimated amount of groundwater withdrawn each year: 350,000 to 400,000 gallons per year.

   11. The log of formations encountered in the drilling of each well if available. There is 8 inches of top soil, 2 feet of clay, approximately 5 feet of gravel, and the bottom of the well terminating in approximately 2 feet of sand.

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. There has been no filing prior to this one, therefore no county record of any sort indicating the information contained in this declaration.

   Signature of Owner: ____________________________
   Date: 12/26/62

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.
STATE OF MONTANA
County of Lake.

Filed on the 2nd day of, 1967.
A. D. 1967 at 4:30 o'clock P.M

RAZEL BISHOP
County Clerk and Recorder

[Signature] [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 12, 64
Owner: Homer T. Davis
Address: Pocahontas
Contractor (if any): none
Address of Contractor: 
Date Started: Date Completed: 

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

1. Stock gravity flow
2. House
3. Stock

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:

Small but year around.
Runs about 20 feet, rushes and sinks on my place

Signature of Owner: Homer T. Davis
Date: June 12, 64

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Lake.
Filed on the
A. D. 1916
All 20th Page A. M.
Hazel Kinnick
County Clerk and Recorder
By
Deputy
1920
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER RIGHTS

OFFICE OF STATE ENGINEER

Declaration of Vested-Groundwater Rights

(Under Chapter 537, Montana Session Laws, 1961)

Curit E. Van Loest, of Polson

County of Lake, 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:

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: Curit E. Van Loest

Date: Dec 30, 1962

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

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

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

COUNTY OF LAKE

FILED ON THE 4TH DAY OF JANUARY
A. D. 1963, AT 9:15 A.M.

HAZEL HINKICK

County Clerk and Recorder

Th. Knaus

Deputy

15850q

Water Well Report

Curtis Van Voorst

The Public

R-135
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Edward B. Appel
Address: 1330 7th Ave East, Butte, MT

Driller: Liberty Drilling & Pump Co.
Address: 11501 A, MT

Date Started: Mar. 22, 1961
Date Completed: Feb. 1, 1969

Location: Sec. 35, T. 23N, R. 21, 1/4 sec. NE

Drilled: Churn Drill

Equipment used: Churn drill, rotary, other

Water use: Domestic X, Municipal □, Stock □, Irrigation □

Industrial □, Municipal □, Stock □, Irrigation □

Casing: 41 ft to 94 ft. Type: Black Steel. Size: 6 1/4" OD.

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

Type of screen or perforations:

Static Water level, for non-flowing well: 54'/

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

Pumping water level: 206 ft. at 150 gal. per min.

How tested: Air lift or Pump

Length of test: 9 hrs

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td>Dirt</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>37</td>
<td>Sand, gravel, boulders imbedded in clay</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>64</td>
<td>Sandy clay, with sand, gravel and boulders</td>
<td></td>
</tr>
<tr>
<td>64</td>
<td>170</td>
<td>Fine tan clay with gravel and boulders</td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>170</td>
<td>Gravel - some water - less than 10 ppm</td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>250</td>
<td>Static water level 85'</td>
<td></td>
</tr>
<tr>
<td>250</td>
<td>321</td>
<td>Tan sandy clay with gravel imbedded</td>
<td></td>
</tr>
<tr>
<td>321</td>
<td>339</td>
<td>Tan clay with gravel imbedded</td>
<td></td>
</tr>
<tr>
<td>339</td>
<td>342</td>
<td>Tan clay with gravel imbedded</td>
<td></td>
</tr>
<tr>
<td>342</td>
<td></td>
<td>Sand, gravel - water</td>
<td></td>
</tr>
</tbody>
</table>

**Water Log:** Aquifer -- 339' - 342'  
Static water level -- 54'
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Arline Stiles
   (Name of Appropriator)
   (Address)
   (Town)
   County of Lake
   State of Montana

2. The beneficial use on which the claim is based: Domestic
   Stockwater-Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1939-continuous since

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

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: approximately 1939

8. The depth of water table approximately 200 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 7 inch OD, casing

10. The estimated amount of groundwater withdrawn each year: one million gallons

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:

   Signature of Owner: Arline Stiles
   Date: December 30, 1963

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

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

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

17394
STATE OF MONTANA

IN THE CIRCUIT COURT OF THE COUNTY OF

COUNTY OF

Filed on the 8th day of June, A.D. 1943.

COUNTY OF

NOTICE TO THE PUBLIC

A. W. D. 1943.

C. S. A. W. D. 1943.

C. S. A. W. D. 1943.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Mr. Walter Haack
Address: Polson, Montana
Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed
Date well started: 9/11/68
Date completed: 9/14/68

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

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

Water use: Domestic
Municipal
Stock
Irrigation
Industrial
Drainage
Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; OD x 1/2&quot;</td>
<td>31</td>
<td></td>
<td>Shop Made</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Torch cut</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Blank tailpipe with</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Solidly closed bottom</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Extends</td>
</tr>
</tbody>
</table>

Water rises in the well 25 feet from surface.

X

N

W

S

Static Water Level for non-flowing well: 25 feet
Shut-In Pressure for Flowing Well: 90 psi
Pumping Water Level: 47 feet
at 9 gal. per minute.
Discharge in gal. per min. of flowing well: Non-flowing

How Tested: Air Lift Pump
Length of Test: Two hours
Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through perforations in shop made screen.

(Continue on reverse side)

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

(Continue on reverse side)

Driller's License Number

Driller's Signature:

52

45/785
WELL REPORT

WALTER HAACK

to

THE PUBLIC

STATE OF MONTANA
20 Lake County
Filed in the 28th District Court, Lake County

69-10-00

ERIE M. HARDING

2.00
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec. 23 R. 31 1/4 sec. 36 W.1/4</th>
<th>36 W.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/4 sec. 36 W.1/4</td>
<td>West</td>
</tr>
</tbody>
</table>

### Type of well
- Type of well used: **Pumped, Bored, Drilled**
- Equipment used: **Pumps, Valves, Drains, Winders**

### Water use
- Domestic **X**
- Municipal
- Stock
- Irrigation

### Type of well
- Type of well used: **Pumped, Bored, Drilled**
- Equipment used: **Pumps, Valves, Drains, Winders**

### Water use
- Domestic **X**
- Municipal
- Stock
- Irrigation

### Casing
- Casing: 4 ft to 25 ft
- Type: **Casing**
- Size: 4" x 6 ft and 3 ft x 3 ft

### Static Water level, for non-flowing well:
- 12 feet from surface

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

### Pumping water level:
- 18 feet at: 8 gal per min

### How tested:
- **Wells pumped, measured and watched**

### Length of test:
- 15 minutes

### Remarks:
- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
- **4 trays of coarse washed gravel in around our side of casings**
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface 15'</td>
<td>Hard red clay and rocks</td>
</tr>
<tr>
<td>18' to 25'</td>
<td>Small vein of sand, clay, water</td>
</tr>
</tbody>
</table>

**STATE OF MONTANA**

Filed on the 15th day of October, A.D. 1944, in the 15th District Court of the State of Montana.

A. D. 1944

**State Miner**

A. D. 1944

**Notary Public**

A. D. 1944

Signed:

A. D. 1944

Dated:

A. D. 1944