STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater
(Under Chapter 237, Montana Session Laws, 1931)

Ludwig Allotted
(Name of Appropriator)
of
(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
   Household & stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1920 Approximate

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   10 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
   not applicable

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
   Summer 1930 Approximate

8. The depth of water table
   15 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
   6 x 22 deep casing

10. The estimated amount of groundwater withdrawn each year
    25,000

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec 23, 1963
Owner: Ludwig Altefeld
Address: Big Timber, MT

Contractor (If any): None
Address of Contractor: None

Date Started: Unknown
Date Completed: Unknown

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

| No.1 - gravel flow
| No.2 - pipe into tank

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.

No 1: 10 gals. per minute
No 2: 20 gals. per minute

Year around use.

Estimated Flow in pipe

Signature of Owner: Ludwig Altefeld
Date: 23-1-1963

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

Date of Appropriation of Groundwater: Dec 23, 1963
Owner: [Name]
Address: [Address]
Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: Unknown
Date Completed: Unknown

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

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

N 65 SE 1/4 SW 1/4
N 65 SE 1/4 SW 1/4
N 64 SE 1/4 SW 1/4

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

Signature of Owner: [Signature]
Date: Dec 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 Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Sweet Grass

Filed this 23rd day of Nov. 1933
at 8:45 A.M.

Anne House
County Clerk
Gravity Flow

Springs originating from underground sources

Quality of water developed and used with explanation of extent used by, usage or estimate such amount. If used in intermittent estimates approximate length of period of use.

<table>
<thead>
<tr>
<th>Sec. 4, T10N, R4E</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 1/8 NW 1/4 Sec. 4</td>
</tr>
</tbody>
</table>

Date of appropriation: 12-30-63

Signature of Appraiser: [Signature]

Date: Dec 30, 1963

Note: Only the head of the file, which includes the date and signature, is readable.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Leo Cremer
   (Name of Appropriator)
   Address: Helmer
   County of Great Falls
   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.
      1950

   4. The amount of groundwater claimed (in miner's inches or gallons per minute).
      not applicable

   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.
      Helmer

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
      start completed 1958

   8. The depth of water table.

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

   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: Jan 29 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Leo Crane
   (Name of Appropriator) of
   (Address) in the
   (Town) of
   County of Sweet Grass in the 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
   (name of beneficial use)

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

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

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) (description) (owner)

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

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

8. The depth of water table
   (depth)

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

10. The estimated amount of groundwater withdrawn each year
    (amount)

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

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
    (additional information)

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF UTAH
UNIVERSITY OF THE WESTERN CODE
STATE OF UTAH

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION

TREATY TELL
(10-101-20): Under Chapter 207 Water Act, June 1, 1951

Date of Appropriation of Groundwater.... 12-30-63
Owner(s).................................................. 

Address of Owner(s)................................. 

Contractor (If any).................. None

Address of Contractor......................

Date of Completion... Date Completed...

Describe means of obtaining groundwater without a well "by non-extraction and other natural processes", including any other means available ....

Gravity Flow Spring originating from underground sources

Quality of water developed and used with explanation of method used to measure or estimate such amount... Estimated
Flow: 5 gals per minute

Total Yearly Groundwater Use for Stock Water Supply

Signature of Owner..........................

Date: 12-30-63

[Signature]

[Signature]

Alex Byrd for the State of Utah

12-06-63

[Signature]

34274
NOTICE OF COMPLETION OF EXCAVATION

STATE: Kansas
(Under Chapter 127, Civil Service Law, 1951)

Date of appropriation of groundwater: 12-30-63
Owner: Leo Crumm, 3264 E. 20th St., Topeka, Kansas
Contractor (if any): None
Address of Contractor: None
Date completed: Under contract

Nature of means of obtaining groundwater without well: (By gravity flow and other natural processes)

Flow: 590 gals per minute

Station # on ground: 560 1/2 NW 1/4 Sec. 9

Signature of Owner: ______________________
Date: 4-30-63

Statement: I hereby certify that the person

Name: ______________________
Address: ______________________

is the owner of the land and the owner of the water and water rights mentioned in the foregoing notice of completion of groundwater appropriation without well and that the person

Signature of Owner: ______________________
Date: 4-30-63

Notice made public for the State of Kansas

Designated agency: ______________________
Date: ______________________
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)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>Dec 23, 1963</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Ludwig Allested</td>
</tr>
<tr>
<td>Address</td>
<td>By Inter. Mat.</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td>None</td>
</tr>
<tr>
<td>Address of Contractor</td>
<td>None</td>
</tr>
<tr>
<td>Date Started</td>
<td>Unknown</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Unknown</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.

Gravity Flow

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

All springs run regular per minute estimated. Flow year around use

Signature of Owner Ludwig Allested

Date Dec 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA.
County of Sweet Grass.

Filed this 23rd day of December, A.D. 1963
of $100

A. M. Ziegler
County Clerk.
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 23, 1963
Owner:
Ludwig Allee

Address:
Big Timber, Mont.

Contractor (if any):
None

Address of Contractor:

Date Started: Unknown
Date Completed: Unknown

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

Gravity Flow

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

Estimated Flow 100 gals. per minute, per year
Ground steel water use

Signature of Owner: Ludwig Allee
Date: June 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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
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: Herman Herman
Address: Big Driller, Missoula, MT
Date well started: Feb 1, 1948
Completed: May 5, 1948
Type of well: Drilled
Equipment used: Drill (other)
Water Use: Domestic [] Municipal [] Stock [x] 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 (e.g., Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 300.9 gal. per hr.

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Weight of Pipe</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/16</td>
<td>1/16 x 1/16</td>
<td>0</td>
<td>94</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 10 ft.
Pumping water level: 60 ft.
Height at 300 gallons per minute: measured 10 minutes after pumping began.

*Measured from ground level.

Well developed by: Power [ ] Hand [ ]
Power: [ ] HP
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.

DIAGRAM:

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

LICENSE NO. 113

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>15</td>
<td>41</td>
</tr>
<tr>
<td>41</td>
<td>45</td>
</tr>
<tr>
<td>45</td>
<td>53</td>
</tr>
<tr>
<td>53</td>
<td>59</td>
</tr>
<tr>
<td>59</td>
<td>67</td>
</tr>
<tr>
<td>67</td>
<td>74</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.
Top of Ground

(Elav. above sea level

\begin{align*}
\text{Top} & : 531.4 \\
\text{Sand} & : 18 \\
\text{N} & : 28
\end{align*}

Date of Notice of Appropriation of Groundwater: 3-15-72

Date well started: 3-15-72

Type of well: Drilled

Equipment Used: Rotor

Water Use: Domestic

Static Water Level for non-flowing well: 23 feet

Static in Pressure for flowing well: N.A.

Pumping Water Level: 4.5 feet at 10 gal. per minute

Discharge in gal. per min. of flowing well: N.A.

How Tested: Bail

Length of Test: 2 Hrs.

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

Show exact depth of bottom.

\begin{table}
\begin{tabular}{|c|c|c|c|c|}
\hline
Depth (feet) & Size & From & To & Perforations \\
\hline
6.34 & 5" Plastic & 2 & 4 & 1/4 x 1/2 x 475.52 & 28.48
\hline
\end{tabular}
\end{table}

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.
STATE OF MINNESOTA
CONTRAINT OF STATE AND COUNTY
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPRAISAL

(After Chapter 327, Law of 1961)

Date of Appraisal of Groundwater

[Redacted]

Address

[Redacted]

Contractor (if any)

[Redacted]

Revised: Developed

Date Completed

[Redacted]

Describe means of obtaining groundwater without a well: 

[Redacted]

[Redacted]

[Redacted]

Sources

[Redacted]

Quantity of water developed and used with exclusion of method used to measure or estimate each amount. Use 300 gallons per minute unmixed per year around for stock water

[Redacted]

Signature of Owner

[Redacted]

Date: 2019

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION

NAME OF WELL

Date of appropriation: 12-30-63

Applicant: Location

Contractor: Address

Date Struck: Undeveloped Water Completed

Describe means of obtaining groundwater without a well "as by: irrigation and other natural processes, include depths to nearest

Quality of water developed and used with explanation of natural "and estimate each amount. If used in intermittent estimate appropriate

No. 1 SW 1/4 SE 1/4 Sec 18

No. 2 SE 1/4 NW 1/4 Sec 18

Scale per cent. Used

Stock water

Signature of Applicant

Date

In accordance with the laws of the State of Florida, the undersigned, the declarant and claimant, swear that the contents and terms thereof stated are true.

Vicinity Public for the State of Florida

No. of Declaration

34261
STATE OF PONTANA

County of Sweet Grass

Plead this
of
at
By

25
Jan
4

a.m.

A.D. 19__

Sweet Grass

DeBary.
**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: **NORMAN NORMAN**

Address: **BIG TIMBER, MONT.**

Date well started: **April 1955**

Date well completed: **April 1955**

Type of well: **drilled**

Equipment used: **DRILL**

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).

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

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size of</th>
<th>To</th>
<th><strong>PERFORATIONS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>5' x 5'</td>
<td>6.0</td>
<td>15.0</td>
<td>HOLE</td>
</tr>
<tr>
<td>24</td>
<td>ft</td>
<td>ft</td>
<td>ft</td>
</tr>
</tbody>
</table>

Static water level: _4.0 ft._

Pumping water level: _9.5 ft._

at _90_ gallons per minute,

measured _30_ minutes after pumping began.

*Measured from ground level.

Well developed by **BACK-EAR** for _3_ hours.

Power: **GE 1.5 HP**

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

Plants ________________

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

Driller's Signature: **NEAL**

Driller's Address: **Harlowton, Montana**

**LICENSE NO.: No License**

**County: Sweet Grass**

**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.
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: Dec 27, 1963
Owner: C.F. Eppeh
Address: Big Timber
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. 
Gravitory flow
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.
Continue nearly year around 16 gal per min.
Signature of Owner: C.F. Eppeh
Date: 12/27/63

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

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

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

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

Filed this 2nd day of June, A.D. 1963
at 3:35 o'clock P.M.

[Signature]
County Clerk

[Signature]
Deputy
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>Q. J. Epstein</th>
<th>of</th>
<th>Big Timber</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Adjoining)</td>
</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1900

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 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: Gardiner

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: 1900

8. The depth of water table: 22 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: 15 gals per minute

10. The estimated amount of groundwater withdrawn each year: 

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

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: Q. J. Epstein
Date: 12/27/63

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

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

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

County of Sweet Grass,

Filed this 28 day of June, A. D. 1863,

at 3:30 o'clock P. M.

E. H. [Signature]
County Clerk.

By [Signature]
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 3/31/63

Owner: Messing
Address: Ennis, Mont.

Contractor (if any): None

Address of Contractor: None

Date Started: Unspecified
Date Completed: Unspecified

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

Gravity Flow From Underground Sources

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 Flow Rates per Month Used Year Around for Stock Water

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

Signature of Owner: Earnest Messing
Date: 12/31/63

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

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

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

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

Filed this ___ day
of June A.D. 18___
at ___ o'clock P.M.

[Signature]
County Clerk

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 12/31/63
Owner: Everett Musing
Address: 221 Montana St
For what purpose developed: No
Contractor (if any) -
Address of Contractor -
Date Started: -
Date Completed -

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

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

Signature of Owner: Everett Musing
Date: 12/31/63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
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: 12/31/63

Owner

Contractor (if any)

Address

Address of Contractor

Date Started

Date Completed

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

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

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

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

3358
STATE OF MONTANA,
County of Sweet Grass.

Filed this 18
of Jan A.D. 1964
at 2:10 o'clock P.M.

Anne Adams
County Clerk.

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... 12/31/63

Owner... Everett Messing Address... September, Mont.

Contractor (if any) none

Address of Contractor...

Date Started:UNKNOWN Date Completed:UNKNOWN

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

gravity Flow From
underground Sources

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.

Flow 8 gals per minute estimated used yearly
acquainted for stock water

Signature of Owner... Everett Messing
Date... 12/31/63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ernest Messing 4. Doug Tendler
(Name of Appropriator) (Address) (Town)

County of Silver Bow 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: Household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous use: Spring 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 1 Acre yard and garden

6. The means of withdrawing each 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 at the well, wells, or other works for withdrawal of groundwater: Started: Spring 1946

8. The depth of water table: 40 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: Drilled well

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

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

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

Signature of Owner: Ernest Messing
Date: 12/31/63

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.
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Philip Cohen</td>
</tr>
<tr>
<td>Address</td>
<td>Big Timber, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location: Sec. T. R. sec.</td>
<td>2 N. R. 16 E. 1/4 sec.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Equipment used</td>
</tr>
<tr>
<td>Water use</td>
<td>(Churn drill, relay, other)</td>
</tr>
<tr>
<td>Domestic</td>
<td>Municipal</td>
</tr>
<tr>
<td>Stock</td>
<td>Stock</td>
</tr>
<tr>
<td>Irrigation</td>
<td>Other</td>
</tr>
<tr>
<td>Casing: ft. to ft. Type Size</td>
<td>Casing: ft. to ft. Type Size</td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>Perforated or Screened: Ft. to Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>Static Water level, for non-flowing well: feet.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well: lb/sq.in. on: (date)</td>
<td></td>
</tr>
<tr>
<td>Pumping water level feet at gal. per min.</td>
<td>How tested:</td>
</tr>
<tr>
<td>Length of test</td>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

Drying flow 150 gal/hr.
<table>
<thead>
<tr>
<th>Location: Sec. 32</th>
<th>T. 2 N.</th>
<th>R. 16</th>
<th>§ sec. 8</th>
<th></th>
</tr>
</thead>
</table>

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

**Equipment used:**
- (Chum drill, rotary, other)

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

**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)

**Spring Flow 100 gpm/hr.**

(over)
## MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

### WATER WELL LOG

| Location: Sec. 18  T. 2 N.  R. 16 W  | 1/4 sec. 1594 |  

<table>
<thead>
<tr>
<th>Owner: Phillip Schumae</th>
<th>Address: Big Timber, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller:</td>
<td>Address:</td>
</tr>
<tr>
<td>Date Started:</td>
<td>Date Completed:</td>
</tr>
</tbody>
</table>

### Type of Well
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other:

### Equipment Used
- (Drill, driven, bored, or drilled)
- (Chamfer drill, rotary, other)

### Water Use
- Domestic
- Municipal
- Stock
- Irrigation

### Casing
- Type:
- Size:
- Length:

### Perforated or Screened
- Type:
- Size:
- Length:

### Type of screen or perforations

### Static Water level, for non-flowing well:

### Shut-in pressure, for flowing well:

### Pumping water level

### How tested:

### Length of test:

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

- Spring flows 100 gal/hr.
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: Dec 27, 1963
Owner: [Signature]
Address: [Address]
Contractor (if any): [Signature]
Address of Contractor: [Address]
Date Started: [Date]  Date Completed: [Date]

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

Signature of Owner: [Signature]
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.
STATE OF MONTANA.
County of Sweet Grass.

Filed this 20th day of January A.D. 1864.

[Signature]

By: [Signature]

[County Judge]
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: Dec 23, 1963
Owner: Ludwig Allstedt
Address: Big Timber, Mont.
Contractor (if any): None
Address of Contractor: None
Date Started: Unknown
Date Completed: Unknown

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

Gravity Flow

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

Estimated 10 gals. per minute. Flow.

Year around, 365 days use.

Signature of Owner: Ludwig Allstedt
Date: Dec 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

12782
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Ludwig Alsted
(Name of Approprietor)

Sweet Grass
(County)

Montana
(State)

County of Sweet Grass, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, 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.

Fall 1961

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

8 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.

Not applicable

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

Gas engine

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

Started: 1961 Fall

Completed: 1961 Fall

8. The depth of water table...

65 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.

270 ft.

6" casing

10. The estimated amount of groundwater withdrawn each year.

150,000 gals

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: Ludwig Alsted

Date: June 5, 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 Approprietor.
STATE OF MONTANA
County of Sweet Grass

Filed this 23 Oct. 1943 at 5:15 P.M.
at Glaxo, A. D. 1943

By

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 23, 1963
Owner: Ludwig Allstedt Address: Big Timber, Mont
Contractor (if any) none
Address of Contractor none
Date Started: unknown Date Completed: unknown

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

gravity flow

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

No. 14: Flows into irrigation dam storing 85 Acre Ft of water
No. 15: Estimated pipe flow year around stock water use

Signature of Owner: Ludwig Allstedt
Date: Dec. 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.