**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropurator</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. O. Powell</td>
<td>202 Beamount St Deep Lode</td>
</tr>
</tbody>
</table>

1. County of: Montana
2. State of: Montana
3. Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Amount Claimed</th>
</tr>
</thead>
<tbody>
<tr>
<td>JULY 1963</td>
<td>150 GPM</td>
</tr>
</tbody>
</table>

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

   Artistic Well #2, Hand Bail

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

   Artistic Well #2, Hand Bail

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

   Unknown

7. The depth of water table:

   WELL #1 GROUND LEVEL WELL #2 9 FT

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

   WELL #1 17 FT DEEP HX4 WITH BS CLUBWELL
   WELL #2 18 FT DEEP HX4 LOY CLAYBAY 1 IPM CEMENTIZED
   CASING

9. The estimated amount of groundwater withdrawn each year:

   WELL #1 FLOWS 150 GPM PER MINUTE

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

    LIMESTONE

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

   Signature of Owner: L. O. Powell
   Date: April 29, 1966

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

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

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

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

1. A. C. Bayer Est., of Twin Bridges,
   (Name of Appropriator) (Address) (Town)
   County of Madison, 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 continuously the use has been continued: June 1958 - continuous

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1st well completed June 1958; 2 others completed within next two years

   8. The depth of water table: Approx. 130 ft

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 1 well approx. 250 ft deep; others unknown; approx. 100 ft deep; others unknown

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

   11. The log of formations encountered in the drilling of each well if available: N/A

   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: N/A

   Signature of Owner: A. C. Bayer Est.
   Date: 13 Dec 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; Triplet to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
A. C. Beyer, etc.

RECORDER'S OFFICE, Madison County, Montana.

Filed Dec. 16, 1963
at 9 1/2 o'clock A.M.

[Signature]
County Recorder

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

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

Date of Appropriation of Groundwater: August 1971
Owner: Billings, Inc. Address: Twin Bridges, Mont. 59760
Contractor (if any): Not applicable
Address of Contractor: __________
Date Started: August 1971. Date Completed: August 1971
Describe means of obtaining groundwater without a well “as by
sub-irrigation and other natural processes”: Include depth to
water when applicable. Developed normal spring
area and gathered water in collector

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.

Billings, Inc.

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 Appropriate.
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: August 1, 1955

Owner: Bart Birt, Jr.
Address: Twin Bridges, Mont. 59073

Contractor (if any): Not applicable
Address of Contractor: 

Date Started: August 1, 1955
Date Completed: August 1, 1955

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

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:

15 gallons per minute

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

Signature of Owner: Bart Birt, Jr.
M. J. Birt, Jr., President

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.

Mud Springs

55762
LOTT BROS. INC.

Notice of Comp. of G.W. App.
Without Well

COPY

RECORD'S OFFICE
Madison County, Montana
Filed 28 June 1973
at 3132

Fee $2.00
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... May 1967

Owner: Last Name Address: Town: City: State: Zip

Contractor (if any)...

Address of Contractor...

Date Started... May 1967 Date Completed... June 1967

Describe means of obtaining groundwater without a well, "as by sub-irrigation and other natural processes". Include depth to water when applicable. Developments, water, and gathered water collection pipe, water, pipe or arrangement thereof, included in sections 31 and 32 T39S R5W.

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.

SE ¼ NE ¼ Sec. 22 T39S R5W

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

Signature of Owner

Date

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
LOTT, Bros, Inc.

Notice of Comp. of G.W. App. without Well

COPY

REORDER'S OFFICE
Madison County, Montana

Filed 28 June 1978
at 3:30 o'clock P.M.

By
Deputy

Fees $2.00
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. 1930
Owner: M. R. Bros., Inc. Address: Twin Bridges, Missoula, Mont.
Contractor (if any): Not applicable
Address of Contractor: Not applicable
Date Started: Approx. Date Completed: Approx.

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

Describe approximate lengths of periods of use.

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:

Estimate

Gallons per minute

Signature of Owner: M. R. Bros., Inc.

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.

White Quartz fork spring
LOTT BROS, INC.

Notice of Comp. of G.W. App.
Without Well

Copy

"96" 50218

RECORD'S OFFICE
Madison County, Montana
Filed June 18 1973

By
Deputy

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

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

A. E. Roger
(Name of Appropriator)
of Silver State
(Address)
(Town)

County of Madison
(State of Montana)

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

1. 

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been for three years last:

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
Aug 27, 1966

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>
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</thead>
<tbody>
<tr>
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<td>Arndt Mariajane</td>
<td>BW 4</td>
<td>27292</td>
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</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

2. The beneficial use on which the claim is based:
   Irrigation, milking purposes, and other
   beneficial purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   November 14, 1933

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1933

8. The depth of water table:
   Unknown

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

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

11. The log of formations encountered in the drilling of each well if available:
    No well

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:

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

Original to the County Clerk and Recorder of the county in which the well is located.

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

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>
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<th>Type of Form</th>
<th>File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
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<td>U.S. Forest Service</td>
<td>4W 4</td>
<td>26231</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cooweekee Ranger District</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>16</td>
<td>Petosi Timber Company</td>
<td>4W 4</td>
<td>39076</td>
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<tr>
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<td>Petosi Timber Company</td>
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</tr>
<tr>
<td></td>
<td>Teacher Williams</td>
<td>4W 4</td>
<td>28912</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Teacher James E.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. U.S. Forest Service, Ennis Ranger District of:  
   (Name of Appropriator)  
   (Address)  
   (Town)  
   (State of Montana)  
   (County of Appropriator)  
   (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:
   Recreational

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   June 1, 1961; used continuously thereafter by recreationists.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Drilled well in SE 1/2 of Section 13, T. 3N., R. 3W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   
   | 10-4-60 | 10-6-60 |

8. The depth of water table:
   27 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:
   Casing 01 to 29' seamless 6' diameter. Casing is perforated from 22' to 29'.

10. The estimated amount of groundwater withdrawn each year:
    15,000 gallons

11. The log of formations encountered in the drilling of each well if available:
    Coarse gravel and granite rock.

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:  
Date: October 11, 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.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapt. 237, Montana Session Laws, 1961)

1. Potosi Tungsten Mining Co., of 412 Medical Arts Bldgs., Butte (name of appropriator) (address) (Town)
County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:

2. The beneficial use on which the claim is based
   mining and milling purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1901 continuous until date

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   an adit driven approx. 950 to drain area of Survey No. 9292 and min. sur. 10904

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   approx. 1899 adit started, completed approx. 1906

8. The depth of water table adit underneath water table and drained into adit

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 no well involved

10. The estimated amount of groundwater withdrawn each year water continues and if

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 Co. record

Recorded in Book 23 of Lode Locations page 387

Date December 31, 1963 Signature of Owner

STATE OF MONTANA
COUNTY OF SILVER BOW) as M. J. Doanker
COUNTY OF MADISON) having first been duly
lawful age and
sworn, deposes and says that he is of
the appropriator and
Claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this 31st day of December, 1963
Notary public for the St. of Montana, residing at Butte, Montana
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Potosi Tungsten Mining Co., of 112 Medical Arts Bldg., Butte
   (name of appropriator) (address) (Town)
   County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:

2. The beneficial use on which the claim is based
   mining and milling purposes

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   adit driven approx. 500 to drain area
   approx. 1900 adit started, completed approx. 1906

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   no well involved

8. The depth of water table
   adit underwath water table and drained into adit

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
   no well involved

10. The estimated amount of groundwater withdrawn each year
    water continues and

11. The log of formations encountered in the drilling of each well if available
    no log 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 Co. record
    Recorded in Book 23 of Lode Locations page 387

Date December 31, 1963
Signature of Owner

STATE OF MONTANA)
COUNTY OF SILVER BOW) ss

having first been duly sworn, depose and say that he is of lawful age and fully acquainted with the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this 31st day of December, 1963

Notary public for the St. of Montana, residing at Butte, Montana
Commission expires Sept. 26, 1964

(NOTARIAL SEAL)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I. William G. & Laura E. Forbes
   of Box 156
   Pony
   Name of Appropriator
   Address
   Town
   County
   Montana

2. The beneficial use on which the claim is based
   Mining
   milling
   stock water
   domestic use
   irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Sept., 1961 and continuously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   The total rate flowing past a stream gage
   in feet per second
   The total flow at the stream gage

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 16 acres upon said claims are irrigated lands

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Use tape from stream for irrigation

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Aug. 2, 1961

8. The depth of water table
   Variable

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
    Total flow of each spring

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.

   The lands upon which said springs are appropriated and used are described in paragraph four above.

   Signature of Owner
   Laura E. Forbes
   Date 12-28-62

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.
RECORDE'S OFFICE, 1st
Madison County, Montana.
Filed Dec. 31, 1963
at 10 o'clock A.M.

Chad D. Powers
County Recorder

By Deputy
Fee $2.00
<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>11</td>
<td>Jackson, Jack C.</td>
<td>MVR 4</td>
<td>28657</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jackson, William T.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jackson, Virginia C.</td>
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</tr>
<tr>
<td>12</td>
<td>Jackson, Jack C.</td>
<td>MVR 4</td>
<td>28661</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jackson, William T.</td>
<td></td>
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<td></td>
</tr>
<tr>
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<td>Jackson, Virginia C.</td>
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</tr>
<tr>
<td></td>
<td>Jackson, Dave C.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Joel C. Jackson, William T. Jackson, Virginia Jackson,
and Dean C. Jackson, of Harrison

County of Madison
State of Montana

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Springs 1 thru 9 earliest use 1912.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Spring No. 1-2 miners inches per second of time. Spring No. 2-5 miners inches per second of time. Springs 3, 5, 6, 7, 8 miners in.

5. If used for irrigation, give the acreage and description of lands to which water has been applied and name of the owner thereof: All Section 11, T. 3 S., R. 2 W., M.P.N., irrigated area 16 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Irrigate by tapping stream and damming off the flow to irrigate.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 19__

8. The depth of water table: 20 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Dams, taps and reservoirs sufficient to use all of the water.

10. The estimated amount of groundwater withdrawn each year: The total flow of springs.

11. The log of formations encountered in the drilling of each well if available: 0.

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: 0.

Signature of Owner: Joel C. Jackson

Signature of Owner: William T. Jackson, Virginia Jackson

Date: December 20, 1963

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Joel C. Jackson, William T. Jackson, Virginia Jackson

and Dean C. Jackson

of Harrison

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: Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Springs No. 1, 2 and 3 each as of 1923

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 miners inches each spring

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: 0

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Stream formed by springs supply the stockwater

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1923 commenced and completed

8. The depth of water table: is about 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 0

10. The estimated amount of groundwater withdrawn each year: The total capacity

11. The log of formations encountered in the drilling of each well if available: 0

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: 0

Signature of Owner: Joel C. Jackson, William T. Jackson, Virginia Jackson

Date: December 20, 1963

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<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>Montezuma Agricultural Experiment Station</td>
<td>2W 3</td>
<td>28259</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Lt. Robert</td>
<td>2W 4</td>
<td>49769</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Mont. Ag. Exp. Sta.</td>
<td>2W 3</td>
<td>28257</td>
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<tr>
<td>14</td>
<td>Hodenert Seed</td>
<td>2W 4</td>
<td>28557</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Montana Pacific Railroad Co.</td>
<td>2W 4</td>
<td>28026</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Todd Jim</td>
<td>2W 2</td>
<td>40073</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Thoyle P. M. Inc.</td>
<td>2W 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Zachary Heliotrope</td>
<td>2W 4</td>
<td>28711</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Valner H. B.</td>
<td>2W 2</td>
<td>50234</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Michael Demoglos</td>
<td>2W 4</td>
<td>28766</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Mrs. Mary E.</td>
<td>2W 2</td>
<td>44666</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Hodenert Seed and</td>
<td>2W 4</td>
<td>28578</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Hodenert Unive.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Montana Agricultural Experiment Station</td>
<td>2W 3</td>
<td>28260</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Montana Agricultural Experiment Station</td>
<td>2W 3</td>
<td>28258</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beals Maud S.</td>
<td>2W 3</td>
<td>28602</td>
<td></td>
</tr>
</tbody>
</table>
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: 1956

Owner: Mont. Agr. Exp. Sta. Address: Bozeman, 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.

Water from 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.

Continuous flow.

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

Montana Agricultural Experiment Station
Signature of Owner: J. A. Asleson, Director
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 School of Mines and Quadruplicate for the Approprietor.
**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**
**State Publishing Company**

**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** Robert Sitz
**Address** Harrison, Montana 59735

Date well started 3/3/73
completed 3/4/73

Type of well Drilled
Equipment used Rotary 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).

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Pipe</td>
<td>Diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot;</td>
<td>200 PVC</td>
<td>PLASTIC</td>
</tr>
<tr>
<td></td>
<td>x .250</td>
<td>+2'</td>
<td>19'</td>
</tr>
</tbody>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buzz Saw</td>
<td>300'</td>
<td>340'</td>
</tr>
</tbody>
</table>

Static water level 270 ft.
Pumping water level 290 ft.
at 20 gallons per minute, measured minutes after pumping began.

*Measured from ground level. Well developed by compressor test for one hour.

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

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

**Driller's Signature**

**Driller's Address**

**Butte, Montana 59701**

**LICENSE NO.**

**License No.** 340' Show exact depth of bottom

53,979
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: 1956

Owner: Mont. Agr. Exp. Sta. Address: Bozeman, 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.

Water from 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.

Continuous flow, ____________________________________________________________________________

___________________________________________________________________________________________

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

Montana Agricultural Experiment Station
Signature of Owner _____________________________________________
By: J. A. Asleson, Director
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 CODE
OFFICE OF STATE ENGINEER

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

1. Fred HoKanson of Norris
   County of Madison, 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: Household, use for irrigating lawn and garden

3. Date or approximate date of earliest beneficial use and how continuous the use has been: Nov. 15, 1942

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 60 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: About 1 acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric jet pump in basement - 4 in. casing

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

8. The depth of water table: 70 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled 4 in. casing 90 feet deep

10. The estimated amount of groundwater withdrawn each year: 300,000 gal.

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

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

   Signature of Owner: Fred HoKanson
   Date: Dec. 24, 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.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Northern Pacific Railway Co.**
   - **Name of Appropriator:**
   - **Address:**
   - **Town:**
   - **County:** Madison
   - **State:** 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 purposes

3. **Date or approximate date of earliest beneficial use; and how continuous the use has been:**
   - 1930 to present

4. **The amount of groundwater claimed (in miner's inches or gallons per minute):**
   - 5 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:**
   - None

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:**
   - Completed June 1938

8. **The depth of water table:**
   - 6 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:**
   - 4 inch drilled well, 30 feet deep

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

11. **The log of formations encountered in the drilling of each well if available:**
    - [See attached log 33]

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:**

    - [Handwritten note]

**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.
MONTANA
Rocky Mountain, O.

29.5 ft. Completed June 1938
0-1938)

4 Drilled Wells 100 ft deep

Main Track
To End

House Track
To Seppington

9-19-38

MONTANA

RECORDS OFFICE
Madison County, Montana,

Filed: Jan. 21, 1942

Prepared by

County Recorder
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Jim Todd
Address: Harris, Mont.

Driller: Sarris Drilling & Pump
Address: Butte, Mont.

Date of Notice of appropriation of groundwater: Oct. 2, 1968

Date well started: Sept. 26, 1968
Date completed: Oct. 2, 1968

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

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

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 Hole</th>
<th>Size and Weight of Grout</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 in. 10 lb. 219</td>
<td>65'</td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>14.97 lb.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 20' feet.
Shut-in Pressure for Flowing Well NA.
Pumping Water Level 4g per minute.
Discharge in gal. per min. of flowing well NA.

Length of Test 3 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off) Coming in below the pipe. Low capacity.

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).

NO. 179
Driller's License Number

Sarris Drilling & Pump
Driller's Signature

45,008
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

OWNER: A. M. Keller
Address: Norris, Mont.

Driller: Harold Hubert
Address: Route 1, Bozeman

Date of Notice of completion of groundwater appropriation: Oct 14, 1966
Date completed: Oct 27, 1966

Type of well: Drilled

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.

Static Water Level for non-flowing well: 23 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 23 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Pump

Length of Test: 2 hrs.

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

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).

1,550 acres in Sec 14 T. 3 S. R. 12 W.

Driller's License Number

Driller's Signature
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Kenneth and Emily Zachary
(Name of Appropriator)
of Norris, Montana
(Address)
(Town)
County of Madison
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 and irrigation, stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   spring of 1953

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   irrigate about 1 acre of lawn and trees

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   electric pump with 1 and 1/2 pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   in the spring of 1953

8. The depth of water table
   40 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
   40-foot well, and water withdrawn by hand 1/2 pipe with electric pump

10. The estimated amount of groundwater withdrawn each year
    300,000 gallons

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

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

Signature of Owner: Kenneth Zachary
Date: Dec. 30th, 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.
Kenneth and Emily Jackson

Filed Dec. 30 1968
at 5:39 P.M.

County Recorder

Dec
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: Alfred Holkanon
Address: Norris, Montana

Driller: Carl E. Helmeinstein
Address: Dillon, Montana

Date of Notice of appropriation of groundwater: July 2, 1970

Date of Notice of completion: July 11, 1970

Type of well: Drilled
Equipment used: Drilled

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole (Feet)</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From To (Feet)</th>
<th>PERFORMANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>17 25 1 11 0 17 00</td>
<td>6 65 7 0 1 0 0 0</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 20 feet

Shut-in Pressure for flowing well: 60 feet

Pumping Water Level: 60 feet

Discharge in gal. per min. of flowing well: 25 gal. per minute

Length of Test: 1 hr.

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

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

License No.
Driller's License Number

Driller's Signature

[Signature]

File No. RECEIVED

DUPLICATE

5 7 5 5

Approved Block Form—State Publishing Co., Helena, Montana—1855

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Approved Block Form—State Publishing Co., Helena, Montana—1855

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.
A.M. Welles
(Name of Appropriator)

Madison
County of

Montana
State of

Norris
(Address)
(Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   Aug. 20, 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   60 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.
   Approximately 1 acre
   A.M. Welles and Blanche E. Welles

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Electric pump located in basement of house- 6 in casing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Spring of 1954

8. The depth of water table.
   60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Drilled 6" casing- 102 feet depth

10. The estimated amount of groundwater withdrawn each year.
    200,000 gal

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

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

Signature of Owner

Date Feb. 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.
26692
A. M. Willis

26693
RECORDE'S OFFICE, 1st.
Madison County, Montana.
Filed: Feb. 6, 1963
at 11:28 o'clock a.m.

[Signature]
County Recorder

By [Signature]
Deputy
DEWAR MAIDAL and Sons of Harrison

County of Madison State of Montana

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

The beneficial use on which the claim is based: stock water

Date or approximate date of earliest beneficial use: 1880; continuously ever since.

The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gallons per minute for all 3 springs.

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

The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3 natural flow springs.

The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1880.

The depth of water table: don't know.

So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: none.

The estimated amount of groundwater withdrawn each year: 10-gallons-per-minute—year-around.

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

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: DEWAR MAIDAL and Sons

Date: December 31, 1963.

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate to 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**: Mary E. Orson Leth  
**Address**: Harris, Montana  
**Date well started**: Aug. 6, 1969  
**Date well completed**: Aug. 22, 1969  
**Re: Drill March 1971**

### Equipment used
- **Type of well**: Drilled (deg, driven, bored or drilled)
- **Equipment used**: Cable tool (Chen 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>Depth of Water</th>
<th>Form</th>
<th>To (Ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 ft</td>
<td>O.D. 41.6</td>
<td>19 ft</td>
<td>4 slots I/8&quot; X 1/8&quot; 45 65</td>
</tr>
</tbody>
</table>

**Staggered**

**Static water level**: 24 ft
**Pumping water level**: 20 ft

Gallons per minute measured after pumping began:

- **Meas. from ground level**: 20 gallons per minute measured 5 minutes after pumping began.
- **Well developed from ground level**:  
- **for 1 hr**

- **Power pump**: 2 HP
- **Remarks**: (Gravel packing, cementing, packers, type of shuteff)

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

- **Each small square represents 40 acres.**  
- **Driller’s Signature**: [Signature]
- **Driller’s Address**: Rt I, Bozeman, Montana

**License No.**: 47

**Top of Ground**: 39 45 clay and rock

39 45 water

43 65 Material unknown

48 65 (Redrill, clean out)

**County**: Madison

**March 4, 1971**

[48231]
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Frederica D. Matchison of Norri's
(Name of Appropriator) (Address)
County of Madison State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based: household use, including household use and irrigation of lawn and garden.

2. Date or approximate date of earliest beneficial use, and how continuous the use has been: Sept. 8, 1953.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 60 gal. per minute.

4. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof:
   Lot 30 x 100
   Hand pump = 4 in. casing

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept. 8, 1953

7. The depth of water table: 80 feet.

8. The depth of water table: 80 feet.

9. The log of formations encountered in the drilling of each well if available:
   Drilled 4 in. casing 90 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 200,000 gal.

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

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

Signature of Owner: Frederica D. Matchison
Date: Dec. 22, 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, state, otherwise the form will be returned.

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

16578
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1956

Owner: Mont. Agr. Exp. Sta. Address: Bozeman, 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.

Water from 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.

Continuous flow:

Montana Agricultural Experiment Station
Signature of Owner: J. A. Asleton, Director
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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1956

Owner: Mont. Agr. Exp. Sta., Address: Boxeman, 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.

Water from 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.

Continuous flow.

Sec. 14, Sec. 26, T 3 S, R 1 W.
Indicate point of appropriation and place of use, if possible.

Montana Agricultural Experiment Station

Signature of Owner: J. A. Asleson, Director

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 CODE
OFFICE OF STATE ENGINEER

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

1. Land and Street, Line, Section, and Meridian
   (Name of Appropriator) (Address) (Town)
   County of Madison 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 for a farm or irrigate garden

3. Date or approximate date of earliest beneficial use; and how continued the use has been
   W. Smith 1918
   address about 1918

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   Would only irrigate
   should be about

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
   County is irrigated by one

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Cascade pump 90 ft.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   June 1926
   Well was drilled

8. The depth of water table
   140 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
   The well was 70 ft. deep

10. The estimated amount of groundwater withdrawn each year
    Between 7,000,000
gal.

11. The log of formations encountered in the drilling of each well if available
    Weathered lodes,
    sand and a few ft. of seal on top

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
    Six feet water
    at about 3 ft. of surface
    we do not get surface water in well

Signature of Owner
Date: July 2, 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.