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<td>2</td>
<td>August Bittlman</td>
<td>DCL</td>
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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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: A. J. Petzmann 414 North State

Contractor (if any) —
Address of Contractor —

Date Started: 1-63  Date Completed: 1-63

Describe means of obtaining groundwater without a well; "as by sub-irrigation and other natural processes". Include depth to water when applicable. 1 foot deep, 3 feet pitch.

Upper Madison Creek

Quantities: Amount 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. At least 3 months of water used for crops. Mining used from May to October.

Signature of Owner: A. J. Petzmann
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.
<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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<tr>
<td>23</td>
<td>Andrew Nicklow</td>
<td>SWY</td>
<td>81349</td>
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<tr>
<td>23</td>
<td>Glenn Lowdaville</td>
<td>SWY</td>
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<td>Andrew Nicklow</td>
<td>SWY</td>
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<td>Rem. on Sec. 23</td>
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<tr>
<td>29</td>
<td>Catherine Vanek</td>
<td>SWY</td>
<td>81908</td>
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<tr>
<td>26</td>
<td>Jack D. Olsen</td>
<td>SWY</td>
<td>81384</td>
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<tr>
<td>26</td>
<td>Tony Lowdaville</td>
<td>SWY</td>
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<td>The Pershing Co.</td>
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<td>Oarman D. Moore</td>
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<td>Anscinda Co.</td>
<td>GWY</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

Declaration of Vested Groundwater Rights
(Title Chapter 23, Montana Session Laws, 1961)

Andrew P. Nicholas

County of
State of

Declaration

I, Andrew P. Nicholas, do hereby declare

that I have appropriated groundwater

specified above in accordance with the Montana laws in effect prior to January 1, 1962, as follows:

1. The date or approximate date of earliest beneficial use; and how continuous the use has been:
   
2. The beneficial use on which the claim is based:
   
3. The amount of groundwater claimed, (in inches of water per minute):
   
4. If used for irrigation, give the area and description of the lands to which water has been applied and name of the owner thereof:
   
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, works for withdrawal of groundwater:
   
7. The depth of water table:
   
8. The estimated amount of groundwater withdrawn each year:
   
9. The location of each well, name of the owner thereof:
   
10. The estimated amount of groundwater withdrawn each year:
   
11. The exact location of the 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:

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. Elizabeth Lawrenceville, Attle, New Lodge
   (Name of Appropriator) (Address) (Town)
   County of New Lodge State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Nov 1961

4. The amount of groundwater claimed (in cubic inches or gallons per minute): 40 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:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Drilled - 6" casing - 20'

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 11/17/41 = 11/17/41

8. The ft. of water table: -25 ft from surface

9. To the extent 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 - 20'

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

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

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

Signature of Owner: Elizabeth Lawrenceville
Date: Dec 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the 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. Andrew J. Nicholas, Rusty Box 6 Deer Lodge,
   (Name of Appraiser) (Address) (Town)
   County of Deer Lodge, State of Montana

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

   2. The beneficial use for which the claim is based: Household, Livestock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1960

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

   5. If used for irrigation, give the acres and description of the land 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: 1960

   8. The depth of water table: 1-10 ft, 1-45 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:

   10. The estimated amount of groundwater withdrawn each year: 72,000 gallons

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

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

   Signature of Owner: Andrew J. Nicholas
   Date: Dec 31, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Catherine Wamake of R. 24 S. 21 T. 81 W. L. (Address)  
County of Deaver, State of Montana (Address)  

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

<table>
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<tr>
<th>N</th>
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</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   Jan 1, 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   14 70,000 per well

5. If used for irrigation, give the area and description of the lands to which water has been applied and name of the owner thereof:  
   East half of section 2, Town 81, Range 21, W. L.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   Dec 31, 1963

8. The depth of water table:  
   20 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:  
   125 ft, 40 gal per minute

10. The estimated amount of groundwater withdrawn each year:  
   70,000

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

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:  
   (blank)

Signature of Owner: Catherine Wamake  
Date: Dec 31, 1963

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

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

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

Jack D. Kelley of R.F.D. No. 1, Deer Lodge
County of Deer Lodge, 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 lawn & garden.

3. Date or approximate date of earliest beneficial use: Oct. 1924.

4. The amount of groundwater claimed: 10 minutes, 1000 gallons.

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: completed Dec. 30, 1963.

8. The depth of water table: Approx. 20 ft.

9. As it may be available, the type, size and depth of each well or the general specifications of any other means for the withdrawal of groundwater.

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

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

12. Further 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: Jack D. Kelley
Date: Dec. 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
At 31 minutes past 10 o'clock
A.M.  FELLA GUGLIEL
Mary Muldaren
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Gary Launderville
   (Name of Appropriator)
   of Route #1
   Deer Lodge
   (Address)
   (Town)
   County of Deer Lodge
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: 1951 (2) 1951...

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 gallons per minute...

5. If used for irrigation, give the acreage and description of the 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: with pumps...

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: (1) 1992 (2) 1992...

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: (1) 55 feet deep 6" casing (2) 40 feet deep 6" casing...

10. The estimated amount of groundwater withdrawn each year: 2000 gallons...

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

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

Signature of Owner: Gary Launderville
Date: 12/3/1962

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 School of Mines 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)

The Anaconda Company of Box 640, Anaconda,
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   Approximately 1931. Continuous use.

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof.
   The Anaconda Company
   Section 27, Township 8 North, Range 6 West

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   North Side James Robert Wall No. 1
   Section 27, Township 8 North, Range 6 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   1931

8. The depth of water table.
   60.38 Feet — June 21, 1960

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, 89 Feet Deep, 80 GPM.

10. The estimated amount of groundwater withdrawn each year.
    Capacity of Well.

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

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 Anaconda Company
   Signature of Owner, A. W. Armstrong.
   Date, August 10, 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.
Well Log — Well No. 2 — North Side Jonas Ranch
Section 37, Township 6 North, Range 10 West

6½" casing used.
4½" to 20" — Clay and gravel
24½" to 30" — Course gravel, boulders, not much clay.
30½" to 40½" — Fine gravel, some clay and sand.
40½" to 67½" — Course gravel, layers of clay, some water.
77½" to 81½" — Silt.
81½" to 89½" — Clay.
89½" to 91½" — Gravel and sand.
Casing perforated for 3 feet at bottom. Water raised 38 feet.
Estimated flow 46 gallons per minute.
3½" working barrel used. Length of pipe below working barrel — 10'10½".
Water No. 96½ jump head used. 2" galvanized pipe used.
Pack used. Nipple 1-1/3" Square Oregon Pipe with 5/8" machined couplings.
Length of Coupling: 96½". Lengths used: 2½' 2' 1' 10'10½' 10'10½' 10'10½' 10'10½'.
Length of Pipe: 37'7½". Lengths used: 19'10½' 20'3' 14'3' 20'6" 7'4½".

[Signature]

[Stamp: M. T. F. Engineering]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

The Anaconda Company
(Name of Appropriator)

County of Deer Lodge
(State of Montana)

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

2. The beneficial use on which the claim is based: Domestic, stock and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Approximately 1921
   continuous use.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
The Anaconda Company
   Section 14, Township 6 North, Range 10 East

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   West Side of Jones Ranch Road, No. 4
   SE 1/4 Section 14, Township 6 North, Range 10 East

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1931

8. The depth of water table: 69 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: 120 foot change, 24' casing.

10. The estimated amount of groundwater withdrawn each year: Quantity of wells

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

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

   The Anaconda Company
   Signature of Owner: See book.
   Date: August 15, 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, no 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.
Well No. 4 — West side of Jones Ranch on ridge.
Section 34, Township 6 North, Range 20 West

60' casing used.
1 = gravel and boulders
20' - 25' = rock and gravel
20' = quick sand (a little water showing for a distance before this)
20' = gravel
20' = gravel and clay
10' = 10' = clay
10' = 10' = sand, gravel, clay below

Length of casing: 110' 6". Lengths used: 25' 7"; 21' 4"; 20' 11' 1/2; 20' 11' 1/2; 20' 11' 1/2; 20' 11' 1/2; 20' 11' 1/2;
20' 11' 1/2; 20' 11' 1/2;

Length of pipe: 104' 8". Lengths used: 18' 10"; 18' 10"; 18' 10"; 18' 10"; 18' 10"; 18' 10";

5" galvanized pipe used.
Length of pipe below working barrel: 19' 6".

Pump head No. 95 used. Rods used: 1-5/8" octagonal oak rods with 7/8" machined couplings.

Water rose 20'. Estimated capacity: 30 gallons per minute.
Casing perforated 10' from bottom.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

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

1. The Anacosta Company
   of 1060, Anacosta
   County of Deer Lodge State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Continue 1961

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 land to which water has been applied and name of the owner thereof: The Anacosta Company

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: Drilled Well, 40 feet deep, 8" casing.

10. The estimated amount of groundwater withdrawn each year: 

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

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

Signature of Owner: 

Date: 

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Well Log - Well No. 7 - Jones Ranch House
Section 16, Township 6 North, Range 10 West

5' casing used.
1 to 45' - gravel and small layers of clay.
Casing is proud for 15 feet - clay below.

Length of casing 75' Length made 965' Depth 207'.
20 feet of galvanized pipe used.
No. 364 square reamed made. 2 inch working barrel.
Hole made 1-1/2". 36" rod.
Estimated capacity - 30 to 50 gallons per minute.
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>The Anaconda Company</th>
<th>of</th>
<th>Dec 640, Anaconda,</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriate)</td>
<td></td>
<td>(Address)</td>
</tr>
<tr>
<td>County of</td>
<td></td>
<td>State of Montana</td>
</tr>
</tbody>
</table>

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
   Domestic, Stock and Irrigation.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Approximately 100 years
   Continued use

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

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
   The Anaconda Company
   South 1/4 Section 24, Township 7 North, Range 8 East
   120 acres

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Drill and Screen Well No. 1
   Drill and Screen Well No. 2
   13 Foot

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1882


8. The estimated amount of groundwater withdrawn each year
   Capacity of well

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, 120 feet deep, 120 feet

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

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 record

12. The log of formations encountered in the drilling of each well if available
    The Anaconda Company
    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.

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

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

1. JAMES M., or IRVIN NEAPLY, of R.F.D. #1, DEER LODGE,
   (Name of Appropriator) (Address) (Town)
   County of DEER LODGE State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based

   3. Day or approximate date of earliest beneficial use; and how continuous the use has been. 1931-CONTINUOUS SINCE 1947

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. SEE ATTACHED DESCRIPTION WHICH IS HEREBY MADE A PART THEREOF BY REFERENCE

   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 1931

   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

   10. The estimated amount of groundwater withdrawn each year 80,000 GALLONS

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

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

   Signature of Owner
   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 School of Mines and Quadruplicate for the Appropriator.
A parcel and piece of land located in the North East one-quarter (NE\textsubscript{1/4}) of Section thirty five (35) Township Six (6) North (N) Range Ten (10) West (W) starting at a point 1951' South along the section line from the NE corner of Section 35 to the NE corner of said lot; Thence 90\textdegree}3' West a distance of 199.4' to the NE corner; Thence 89\textdegree}40\textquoteleft \ A distance of 211\textquoteleft \ to SW corner; Thence East 89\textdegree}40\textquoteleft \ a distance of 198.5'; Thence 90\textdegree}30\textquoteleft \ North a distance of 209' to the point of beginning.

OWNERS- James M. or Irene Haaph as joint tenants with right of survivorship and not as tenants in common.
### Groundwater Index

<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>20</td>
<td>Beth J. Robinson</td>
<td>SW 3</td>
<td>79772</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Alice B. Beck</td>
<td>SW 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Alice F. Beck</td>
<td>SW 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Quint L. Reynolds</td>
<td>SW 4</td>
<td>78939</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>Robert R. Johnson</td>
<td>SW 4</td>
<td>81323</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Mont St. Zufanski</td>
<td>SW 4</td>
<td>80596</td>
<td>Unfiled</td>
</tr>
<tr>
<td>31</td>
<td>Mont St. T. Zufanski</td>
<td>SW 4</td>
<td>80597</td>
<td>Same as above</td>
</tr>
<tr>
<td>32</td>
<td>Robert R. Johnson</td>
<td>SW 4</td>
<td>81321</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Robert R. Johnson</td>
<td>SW 4</td>
<td>81321</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wally Clair Danish</td>
<td>SW 4</td>
<td>81595</td>
<td></td>
</tr>
</tbody>
</table>
DRILLER'S LOG

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Gill. above sea level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

**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**

Barbee Quinn

**Address**

RFD

**Date well started**

June 1, 1949

GW 1

**Date well completed**

June 6, 1949

**Type of wall**

Drilled

**Equipment used**

RIG

**Water Use**

Domestic

Industrial

Drainage

Other

Garden/Lawn

Sheltering-Valleymont

Describe

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Month</th>
<th>Date of Completion</th>
<th>From (ft)</th>
<th>To (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Steep water level**

6 ft

**Pumping water level**

6 ft

**gallons per minute**

measured

**minutes after pumping began.**

**Measured from ground level.**

**Well developed by**

for

**Power**

Pump

**Remarks**

(Gravel pack, g, cementing, peak flow, HP at shut off)

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

**Driller's Signature**

**Driller's Address**

**LICENSE NO.**

6N 9W 20
<table>
<thead>
<tr>
<th></th>
<th>Avis L. Beck</th>
<th>of Route 1, Deer Lodge</th>
</tr>
</thead>
</table>

Count of Powell State of Montana

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

<p>| | | |</p>
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: **Water used for stock watering, to irrigate vegetable garden, and lawn and for domestic purposes.**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **Since 1950, and use has been continuous through the years.**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **Pump 350 gallons per hour, 5 hours each day, every other day.**

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: **Have use to irrigate lawn, orchard, and garden, comprising about 1 acre.**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1950.**

8. The depth of water table: **Eighty-one (81') 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: **Well is 152 feet in depth, 6 inch casing is installed, and pipe withdrawn water 2 inches.**

10. The estimated amount of groundwater withdrawn each year: **314,000 gallons.**

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

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

Signature of Owner: Avis L. Beck

Date: April 20, 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 School of Mines and quadruplicate for the Appropriate.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

T. SIX R. NINE
County, Deer Lodge

County of Powell State of Montana

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

1. Alvi L. Buck of Route 1 Deer Lodge
   (Name of Appropriator) (Address) (Town)
   (State of) (County of)

2. The beneficial use on which the claim is based irrigation for garden, stock watering, and watering lawn.

3. Date or approximate date of earliest beneficial use: 1936, and constant use since that year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Pump 150 gallons per hour, 5 hours each day, every other day.

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 used to irrigate lawn and garden, totaling about 1 acre.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump is used. Well has 5 inch casing and 1 1/2 inch pipe.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1936.

8. The depth of water table: 50 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: The well is 60 feet in depth.

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

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

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: Water level remains constant.

Signature of Owner: Alvi L. Buck
Date: April 20, 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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(1n Under Chapter 237, Montana Session Laws, 1961)

State Engineer

Name of Appropriator: ANTON N. RICHTER

Address: Box 387

Town: WEST GLACIER

County of: FLATHEAD

State of: MONTANA

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: JULY, 1953, USED DAILY.

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

5. If used for irrigation, give the acreage and description of the lands to which the 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: SUBMERGIBLE 100 H.P.

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

8. The depth of water table: 140.

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: 100,000 GAL.

11. The log of formations encountered in the drilling of each well if available: CLEY, SAND AND

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

Signature of Owner: ANTON N. RICHTER

Date: 6/12/53

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. ROBERT R. JOHNSON
   (Name of Appropriator)
   of P1
   DEER LODGE
   (Address)
   (Town)
   County of DEER LODGE
   State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 3, 1962, as follows:

   2. The beneficial use on which the claim is based
      (Under Chapter 237, Montana Session Laws, 1961)
      Livestock Water, Residence Also

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      (a) 1890 + All Years
      (b) 1890 + Since

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 0.15 gpm 0.12 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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Pumps - From Stream @ 30 ft. deep
      1/2 SW¼ NE¼

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      (a) 1890
      (b) 1890

   8. The depth of water table
      (a) 18 ft
      (b) 7 ft

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      (a) Hard Draw - 5 ft diameter 2 ft deep
      (b) 1 4/5 replaced with 6' casing 1/2 ft deep

   10. The estimated amount of groundwater withdrawn each year
       (a) 60,000 gal
       (b) 31,000 gal

   11. The log of formations encountered in the drilling of each well if available
       (a) Sand - Clay - Gravel
       (b) Clay - Gravel

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

   Signature of Owner

   Date Dec 30, 1962

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

**Montana State Tuberculosis Sanitarium**

**Rt. 6, Box 100**

**Missoula**

(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>2.</strong></td>
<td>The beneficial use on which the claim is based</td>
<td><strong>Galen Sanitarium water supply</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3.</strong></td>
<td>Date or approximate date of earliest beneficial use; and how continuous the use has been</td>
<td><strong>6/11/60 - continuous</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4.</strong></td>
<td>The amount of groundwater claimed (in miner's inches or gallons per minute)</td>
<td><strong>900 G.P.M.</strong></td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>5.</strong></td>
<td>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof</td>
<td><strong>Not used for irrigation</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>6.</strong></td>
<td>The means of withdrawing such water from the ground and the location of each well or other means of withdrawal</td>
<td><strong>Deep well pump</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>7.</strong></td>
<td>The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</td>
<td><strong>Started 6/11/60 - completed 10/13/60</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>8.</strong></td>
<td>The depth of water table</td>
<td><strong>Water table varies 30' - 40' below surface</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9.</strong></td>
<td>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, including water supply well, if (water supply)</td>
<td><strong>Drilled 60' - casing 12' - pump 60' - 90' below surface - 90 H.P., capacity 900 G.P.M.</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>10.</strong></td>
<td>The estimated amount of groundwater withdrawn each year</td>
<td><strong>200,000 - 300,000 per 26 hrs. day</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>11.</strong></td>
<td>The log of formations encountered in the drilling of each well if available</td>
<td><strong>Copy of log accompanying</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>12.</strong></td>
<td>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</td>
<td><strong>Not known</strong></td>
</tr>
</tbody>
</table>

Signature of Owner

Signature of Engineer, Tuberculosis San.

Date: September 6, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
### CASINGatie ADJUSTMER 1.0 THRU 8.0

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>0.25&quot; MILD STEEL</td>
</tr>
<tr>
<td>31-60</td>
<td>0.25&quot; MILD STEEL</td>
</tr>
<tr>
<td>61-90</td>
<td>0.25&quot; MILD STEEL</td>
</tr>
<tr>
<td>91-120</td>
<td>0.25&quot; MILD STEEL</td>
</tr>
<tr>
<td>121-150</td>
<td>0.25&quot; MILD STEEL</td>
</tr>
<tr>
<td>151-180</td>
<td>0.25&quot; MILD STEEL</td>
</tr>
<tr>
<td>181-210</td>
<td>0.25&quot; MILD STEEL</td>
</tr>
<tr>
<td>211-240</td>
<td>0.25&quot; MILD STEEL</td>
</tr>
<tr>
<td>241-270</td>
<td>0.25&quot; TO 0.275&quot;</td>
</tr>
</tbody>
</table>

### SUMP 1.0 THRU 8.0

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>0.15&quot; MILD STEEL</td>
</tr>
<tr>
<td>31-60</td>
<td>0.15&quot; MILD STEEL</td>
</tr>
<tr>
<td>61-90</td>
<td>0.15&quot; MILD STEEL</td>
</tr>
<tr>
<td>91-120</td>
<td>0.15&quot; MILD STEEL</td>
</tr>
<tr>
<td>121-150</td>
<td>0.15&quot; MILD STEEL</td>
</tr>
<tr>
<td>151-180</td>
<td>0.15&quot; MILD STEEL</td>
</tr>
<tr>
<td>181-210</td>
<td>0.15&quot; MILD STEEL</td>
</tr>
<tr>
<td>211-240</td>
<td>0.15&quot; TO 0.2&quot;</td>
</tr>
<tr>
<td>241-270</td>
<td>0.15&quot; TO 0.2&quot;</td>
</tr>
</tbody>
</table>

### DRAINAGE 1.0 THRU 8.0

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>0.10&quot; MILD STEEL</td>
</tr>
<tr>
<td>31-60</td>
<td>0.10&quot; MILD STEEL</td>
</tr>
<tr>
<td>61-90</td>
<td>0.10&quot; MILD STEEL</td>
</tr>
<tr>
<td>91-120</td>
<td>0.10&quot; MILD STEEL</td>
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<tr>
<td>121-150</td>
<td>0.10&quot; MILD STEEL</td>
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<tr>
<td>151-180</td>
<td>0.10&quot; MILD STEEL</td>
</tr>
<tr>
<td>181-210</td>
<td>0.10&quot; MILD STEEL</td>
</tr>
<tr>
<td>211-240</td>
<td>0.10&quot; TO 0.125&quot;</td>
</tr>
<tr>
<td>241-270</td>
<td>0.10&quot; TO 0.125&quot;</td>
</tr>
</tbody>
</table>

### MAIN WELL LOCATED AT WELI HOUSE
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Montana State Tuberculosis Sanitarium, of Rs. fl - Sales, Door Lodge
   (Name of Appropriator)  (Address)  (Town)

   County of  Door Lodge  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
      
   3. Date or approximate date of earliest beneficial use; and how continuous the use has been

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

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

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

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

   8. The depth of water table

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

   10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner:

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

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

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

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

1. Robert R. Johnson, of P. 1 Deer Lodge
   (Name of Appropriator) (Address) (Town)

   County of Deer Lodge 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: 
      Livestock

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 
      30 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: 
      None

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 
      Use centerugal pump: 10 X 5 X 12 ft deep
      (Use centerugal pump: 10 X 5 X 12 ft deep)

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
      1960

   8. The depth of water table: 
      12 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: 
      Drill aug. 5 ft diam. 10 ft deep
      Drill aug. 5 ft diam. 10 ft deep

   10. The estimated amount of groundwater withdrawn each year: 
      90,000 gal

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

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

   Signature of Owner: 
   Date: 03/14/1963

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 Appropiator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

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

1. Robert P. Johnson (Name of Appropriator)
   Deering Lodge (Address)
   Deer Lodge (Town)
   Montana (State)

2. The beneficial use on which the claim is based: House, Livestock Water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been since 1921: All year since

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 150 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: None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1951

8. The depth of water table: 90 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, 6 in. casing - 150 ft deep

10. The estimated amount of groundwater withdrawn each year: 600,000 gal

11. The log of formations encountered in the drilling of each well if available: Clay - Sand - Clay - Gravel

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

Signature of Owner: ______________________
Date: Jan 3, 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, 1964)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Signature)

1. Water User: JOHN DOE
   Address: 123 Main St, Galen, Mont.
   Town: Galen, Mont.

County of Silver Bow, 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:

2. The date or approximate date of earliest beneficial use;
   and how continuous the use has been:
   1912 — CONTINUOUS

3. The amount of groundwater claimed (in
   miner's inches or gallons per minute):
   20 MINERS INCHES

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:
   JOHN DOE

5. The means of withdrawing such water:
   PUMP

6. The date of commencement and completion of
   the construction of the well, or other works for withdrawal
   of groundwater:
   MAY 1912

7. The depth of water table:
   180 FT.

8. The type, size and depth of each well or the general
   specifications of any other works for the withdrawal of groundwater:
   12 IN. CASING 180 FT.

9. The estimated amount of groundwater withdrawn each year:
   360,000 GALS.

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

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 record:

Signature of Owner: JOHN DOE

Date:

Subscribed and sworn to before me, the 31st day of DEC, 1963

Notary public for the State of Montana

Notary Commission Expires: July 1, 1964

[Signature]

[Seal]
# GROUNDWATER INDEX

**County:** Dores, portable

**Twp.** 

<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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<td>20</td>
<td>FG&amp;L Dept of Agri.</td>
<td>LW4</td>
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Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

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


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

3. Date or approximate date of earliest beneficial use: [Date]

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

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 and Description]

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

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

8. The depth of water table: [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: [Specifications]

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

Date: [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.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
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<th>Parent Service, U. S. Dept. of Agriculture, of</th>
<th>Date</th>
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<td>[Name of Appropriator]</td>
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<td>[Address]</td>
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<td>[Town]</td>
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</table>

County of [Silver Bow]  
State of Montana

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

1. **Beneficial Use**
   - **Flock water for domestic stock and wildlife.**

2. **Date or approximate date of earliest beneficial use, and how continuous the use has been since that time.**
   - [Year] to [Year].

3. **The amount of groundwater claimed (in miner's inches or gallons per minute).**
   - 15 gallons 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.**
   - [Acreage] in [Description].

5. **If used for irrigation, give the method and location of the works for withdrawing groundwater.**
   - [Method].

6. **The means of withdrawing such water from the ground and the location of each well or other works for withdrawal.**
   - [Method].

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.**
   - [Date].

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.**
    - [Reference].

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
(as per Sections 39-2301 et. seq. 39-2336)

1. WILLIAM A. TWOHY, of Boulder, Montana, County of Jefferson, has 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: Sub-irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1933 up to present.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Sufficient sub-irrigation for the growing of wild-hay meadows and pasture for 300 head of cattle for a period of 6 months.

5. If used for irrigation, give the acreage and description of the lands to which the water has been applied and name of the owner thereof: A portion of the Lockhart meadows, containing 413 acres more or less, of sub-irrigation meadows; William A. Twohy; as set forth in description A through G, as follows: A. A portion of Section 30, T6N, R7W; B. Section 31, T6N, R7W; C. A portion of Section 29, T6N, RS; D. A portion of Section 6, T5N, R6W; E. A portion of Section 6, T5N, R6W; F. A portion of Section 1, T5N, R5W; G. A portion of Section 25, T6N, R6W; The lands in the above described sections, upon which appropriator is claiming is approximately 413 acres more or less.

6. Depth of water table: One foot below surface.

7. The estimated amount of groundwater withdrawn each year: Sufficient sub-irrigation for the growing of wild-hay meadows and pasture of 300 head of cattle for a period of 6 months.

8. 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: Mountain Placer No. 2315, Section 30 T6N, R7W, 160 acres; Boulder Placer No. 2469, Section 36, T6N, R3W, 150 acres; Cascade Placer No. 2679, Sections 25 and 36, T6N, R3W, 150 acres; Virginia Placer No. 2666, Section 31, T6N, R7W, 55.55 acres; Placer No. 2666, Section 36, T6N, R6W; all as more fully appears on the plat and records of the County Clerk and Recorder, of Jefferson County.

STATE OF MONTANA
County of Lewis and Clark

WILLIAM A. TWOHY, having first duly sworn, deposes and says, that he is of lawful age and is 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 and that the matters and things therein stated are true.

December, 1963.

Subscribed and sworn to before me this 5th day of December, 1963.

STATE OF MONTANA

COUNTY OF LEWIS AND CLARK

Witness: [Signature]

[Notary Public in and for the State of Montana]

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

1. U.S. Dept. of Agriculture, Forest Service
   (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: watershed
      for domestic stock and wildlife.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1925 - continuous use.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 7 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: non-applicable.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1925.

   8. The depth of water table: Surface at point of development.

   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" x 12" x 30" wooden box set in ground.

   10. The estimated amount of groundwater withdrawn each year: 10 acre feet per year.

   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:

   Signed: Paul A. Heideman
   Signature of Owner

   Date: 6-22-62

   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.