96.226.

By

A. Mathew.

dep
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: Glenn Taylor
Address: Bozeman, Montana

Date well started: Jan 10-72
Completed: Jan 14-72

Type of well: Drilled
Equipment used: Churn
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigator ☐ Industrial ☐ Drainage ☐ Other ☐ Garde; lawn ☐

 Estimate annual withdrawal

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kinds</th>
<th>Feet</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 1/4 18</td>
<td>Sec: 22</td>
<td>0</td>
<td>33</td>
<td>Linen</td>
<td>33</td>
<td>36</td>
</tr>
</tbody>
</table>

Static water level: 33 ft
Pumping water level: 53 ft

*Measured from ground level.
Well developed by: Bunker
for: 18 hours
Power: Gas Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: L. E. D. Taylor
Driller's Address: Bozeman, Montana

LICENSE NO. 38

Show exact depth of bottom

Top of Ground

From (Ft) To (Ft)

E 3 30.10 ft. gravel
W 30.30 6.10 ft. sandstone

Show exact depth of bottom
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: DONALD D. JONES
Address: BURLINGTON
MONTANA

Date well started: Nov. 1970
Well completed: Nov. 1970

Type of well: DRILLED

Equipment used: CHURN

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

*Describe

“USF: 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>Dia (in)</th>
<th>Rise and Fall of Water</th>
<th>Rate (fpm)</th>
<th>To (fpm)</th>
<th>Kind (ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/2</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>1 1/2 x 3/4</td>
<td>30 x 50</td>
</tr>
</tbody>
</table>

Static water level
Pumping water level
at 30 gallons per minute, measured minutes after pumping began.

“Measured from ground level.
Well developed by
for
Power
Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: WILBERLY LINDSAY
Driller's Address: CARRI ST. MONT.

LICENSE NO.... 38
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Louie Larson</td>
<td>P.O. Box 23 Boulder</td>
<td></td>
</tr>
</tbody>
</table>

County of: Jefferson, 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: Irrigation and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1, 1891 and continuous since.

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

   Twenty acres... SE 1/4 Sec. 26 T. 6N. R. 44
   Louie Larson (owner)

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

   One well (x on diagram)
   Five springs (x on diagram)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced approximately 1891 and completed approximately 1958.

8. The depth of water table: From zero feet to sixty 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: One well, sixty feet deep. Five springs.

10. The estimated amount of groundwater withdrawn each year: Ten (10) miner's inches.

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: See also book "C" of water rights. page 557 Records of Jefferson County, Montana.

Signature of Owner: [Signature]

Date: December 31, 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.
RECORDERS OFFICE


MFCRSON COUNTY, MONTANA

FILED FOR RECORD THE 21st DAY OF DECEMBER, 19___
A.D. 19__  R.O. 9:45 AM

COUNTY RECORDER

FEE: $____
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963

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

Owner: MARGARETA LAUSE
Address: BEAVER MOUNT

Driller: HEALY HINSON
Address: CLAYTON, MONT.

Date of Notice of appropriation of groundwater: Aug. 48

Date well started: Date completed: Aug. 48

Type of well: DRILLED
Equipment used: PUMP
(Dug, driven, bored or 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 silt, 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 (in.)</th>
<th>Size and Height of Casing (Feet)</th>
<th>From To (Feet)</th>
<th>Kind of Water (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>1728</td>
<td>0</td>
<td>124</td>
<td></td>
</tr>
<tr>
<td>14-3/4</td>
<td>54</td>
<td>122</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 50 feet.
Shut-in Pressure for Flowing Well: 110 feet at 60 gal. per minute.
Discharge in gal. per min. of flowing well: 110.
How Tested: Air Pump
Length of Test: 7 Hours
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 (i.e.: Lot, Block and Addition).

Driller's License Number

Driller's Signature

38

4/4/766
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 257 Montana Session Laws, 1961, as amended)

This form to be completed 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: Helen Wylie
Address: 1100 North Montana

Date well started: June 11

Type of wall: Drilled

Equipment used: Chain

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

Estimate Annual Withdrawal: 60,000

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>8</td>
<td>10</td>
</tr>
</tbody>
</table>

Static water level: 12 ft.

Pumping water level: 18 ft.

at 15 gallons per minute, measured 60 minutes after pumping began.

Measured from ground level.

Well developed by: Biller for 3 hours.

Power: 1/2 HP Thermal Pump.

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

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

Driller's Signature: Wesley T. F. H. M. T.

Driller's Address: 1100 North Montana

License No.: 35

42 Show exact depth of bottom
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

1. B. W. Phelan
   (Name of Appropriator)
   of
   (Address)
   (Town)
   County of Jefferson
   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
   Sub-irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1860

4. The amount of groundwater claimed (in miner’s inches or gallons per minute)
   8 acre feet per acre

5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof
   SW SE Section 27 - B. W. Phelan

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1860

8. The depth of water table
   Surface

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
    8 acre feet per acre

11. The log of formation 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
    Sub-irrigation on cross-hatched acre as shown in diagram above
    8 acre feet per acre

   Signature of Owner, [Signature]
   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 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. D. W. Thelan, at Boulder
   (Name of Appropriator) (Address) (Town)

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

   **Diagram**

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

   ¼ Sec. 28 T. 6N R. 4W.

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

   2. The beneficial use on which the claim is based:
      - **Sub-irrigation**

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 acre feet per acre

   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 as in diagram - D. W. Thelan

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

   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:
      - **Surface**

   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:
       - **non 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:
       - **Sub-irrigation - 8 acre feet per acre**

   Signature of Owner: D. W. Thelan
   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 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. Jelen, V.,家住town, of, Boulder,...
   (Name of Appropriator) (Address) (Town)

   County of Jefferson, 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. Date or approximate date of earliest beneficial use; and how continuous the use has been.

   4. The amount of groundwater claimed (in 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 customer.

   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 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 Montana Bureau of Mines & 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)

Mary Dean Flaherty
(Name of Approprior) of Boulder, Montana
(Address)

County of Jefferson of State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1960, as follows:

1. The beneficial use on which the claim is based: Domestic purposes & Irrigation

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

3. About 40 feet deep then, lowered to 66 feet-1936

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: Irrigation for lawns and Flowers on approx. 1 acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Lowered by drilling from 40 ft to 96 feet in 1936 casing 58 feet 3 inches in size

8. The depth of water table: Unknown

9. Drilled well 66 feet deep, casing 58 feet 3 inches in size starting 8 inches from the top

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

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:

House on this property was built in 1895

Signature of Owner: Mary Dean Flaherty
Date: December 9th -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 Appropriorator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 23, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Item</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of Appropriator:</td>
</tr>
<tr>
<td>2</td>
<td>County of:</td>
</tr>
<tr>
<td>3</td>
<td>State of:</td>
</tr>
<tr>
<td>4</td>
<td>The beneficial use on which the claim is based:</td>
</tr>
<tr>
<td>5</td>
<td>Date or approximate date of earliest beneficial use:</td>
</tr>
<tr>
<td>6</td>
<td>The amount of groundwater claimed (in inches or gallons per minute):</td>
</tr>
<tr>
<td>7</td>
<td>If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof:</td>
</tr>
<tr>
<td>8</td>
<td>Indicate point of appropriation and place of use, if possible:</td>
</tr>
<tr>
<td>9</td>
<td>The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater:</td>
</tr>
<tr>
<td>10</td>
<td>The depth of water table:</td>
</tr>
<tr>
<td>11</td>
<td>The log of formations encountered in the drilling of each well if available:</td>
</tr>
<tr>
<td>12</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 county record:</td>
</tr>
</tbody>
</table>

Signature of Owner: [Signature]
Date: January 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. If not applicable, no state, otherwise the form will be returned to the County Clerk and Recorder; Duplicate to the State Engineer, Washington Bureau of Mines & Geology, and Quadruplicate for the Appropriation.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Town of Boulder
   (Name of Appropriator)
   Boulder

County of Jefferson
   (Town)
   State of Montana

2. The beneficial use on which the claim is based to supply the Boulder Water System

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   Continuous since it was drilled in 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 450 gals.

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
   From well with pump, location as marked on the above graph

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

8. The depth of water table: 110 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
   12 inch casing

10. The estimated amount of groundwater withdrawn each year
    Presently about 116,640,000 gals.
    This is an estimate, water is not metered.

11. The log of formations encountered in the drilling of each well if available
    Filed with the State Board of Health

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 available.

Signature of Owner

Date: December 23, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate to 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. (Name of Appropriator) (Address) (Town)
   County of (Name of County) 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. Date or approximate date of earliest beneficial use; and how continuous the use has been.

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner
Date

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

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

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

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

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

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

Owner: Ed. Carbullough
Address: Boulder

Date well started: March 15, 1972
Completed: March 23, 1972

Type of well: Drilled
Equipment used: Chant
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe ____________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled</th>
<th>Size and Weight of Chant</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Top of Ground</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 in.</td>
<td>28 lb.</td>
<td>0</td>
<td>79' ft.</td>
<td>16 x 1/2</td>
<td>45</td>
</tr>
</tbody>
</table>

Static water level: 40 ft.
Pumping water level: 70 ft.

Power: Elec Pump: 74 HP

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

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

Driller's Signature: /s/ Wesley Lindsey
Driller's Address: Glacy, Montana

LICENSE NO.: 38

Show exact depth of bottom

50/128
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 27, Montana Session Laws, 1961)

1. Paul J. McFadden, of Bozeman, 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. a - stock-water; b - domestic and irrigation; c - stock-water.

3. The date or approximate date of earliest beneficial use and how continuous the use has been. a - 1850; b - 1850; c - 1850; d - 1850.

4. The amount of groundwater claimed (in inches or gallons per minute). a - 10; b - 10; c - 10; d - 10.

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

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

7. The date of commencement and completion of the construction of the well, wall, or other works for withdrawal of groundwater. a - 1850; b - 1850; c - 1850; d - 1850.

8. The depth of water table. a - 20 ft.; b - 20 ft.; c - 20 ft.; d - 20 ft.

9. The log of formations encountered in the drilling of each well if available. Note: Drilled by A. T. Brown.

10. The estimated amount of groundwater withdrawn each year. Note: None 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, if applicable. Note: Well b. drilled by R. H. McNutt of Helena, Montana.

Signature of Owner: ________________________________
Date: December 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 Montana Bureau of Mines & Geology, and Quadruplicate to the Applicant.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. James Phelan, of Boulder, Jefferson County, 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:
   A - Irrigation and Stockwater
   B - Irrigation and Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   B - 1869 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   A - 200 Gallons Per Minute
   B - 200 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:
   30 acres - Sec. 32 T.6N R.4W.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   A - 1869
   B - 1869

8. The depth of water table: 14 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:
   A - Hana Dr., 5 feet square, 40 feet, wood cribbed
   B - 3 sec. ac. A.

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

   Signature of Owner: [Signature]
   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 for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1981)

1. Town of Boulder
   (Name of Approprietor)
   (Address) Boulder
   (Town) Montana
   County of Jefferson
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1982, as follows:

2. The beneficial use on which the claim is based:
   3. Date or approximate date of earliest beneficial use:
   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 125 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: Sept. 1953

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: 6 inch casing

10. The estimated amount of groundwater withdrawn each year: When used it will deliver 32,400,020 gallons

11. The log of formations encountered in the drilling of each well if available: I believe is filed with State Board of Health

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:

   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.
RECORDING OFFICE
Jefferson County, Montana

Filed for record this 23 day of March, 1913.
2011 at 10 o'clock A.M.

Debtor....

Fees, $2...
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

File No. T.6 North & West
County Jefferson

State of Montana

Declaration of Vested Groundwater Rights

<table>
<thead>
<tr>
<th>Town of Boulder</th>
<th>Name of Appropriator</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boulder</td>
<td>Jefferson</td>
<td>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: to supply the Boulder Water System

2. The date or approximate date of earliest beneficial use: Continuous since it was drilled in 1961

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 575 Gals.

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: Not applicable

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: From well with pump, location as marked on the above graph.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1961

7. The depth of water table: 90 feet

8. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 12 inch casing

9. The estimated amount of groundwater withdrawn each year: presently about 219,040,000 Gals

10. The log of formations encountered in the drilling of each well if available: filed with the State Board of Health

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: none available

Signature of Town Clerk: D.M. Apodaca, Town Clerk
Date: December 23, 1963

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

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

1. 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. Wayne C. and/or Joann E. McFarlane, of 807 East Third, Boulder, Jefferson, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based is irrigation for 1 acre of garden.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1904 to 1953. Domestic and Irrigation 1953 Continuous for irrigation only.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Approx. 1000 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. Approx. 1 acre in Section 33, T 61 N, R 46 W.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well dug in 1904, and re-drilled to lower depth in 1949.

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. Drilled well (Cased driven).

10. The estimated amount of groundwater withdrawn each year. Approx. 1000 gallons per minute and then, only during summer months.

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

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

Signature of Owner: 

Date: December 17, 1965

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

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

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

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

1. Montana State Training School & Hosp., of Boulder, (Name of Appropriator) (Address) (Town)
   County of Jefferson, 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:
      Water for Training School & irrigation of lawns.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      P.H. Well-1923's continuous until 1948 & then off & on Wells 1, 2, 3, 1948-Continuous. Well No. 3-1960. Continuous. Vehicular
      Movement.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 220 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:
      Approx. 5 acres of lawn.

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

   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:
      High Time — 25 ft., 40 ft., 45 ft., 50 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:
      Power House well, cement — 25 ft. 4 dia. Well No. 1, 2, 3, 4, 5 drilled about 70 ft. deep.

   10. The estimated amount of groundwater withdrawn each year:
       35,000,000 gals. more or less.

   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 available.

   Signature of Owner
   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 School of Mines and Quadruplicate for the Appropriator.

1963
83302

RECORDER'S OFFICE.  
Kerr County, Missouri.  |

Filed for record this 31st day of 
A.D. 1931.  

P.  

Fore.  

Free
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 53-1, Montana Session Laws, 1961)

1. [Name of Appropriator] of [Address] (Town)
   County of [County Name] State of Montana
   Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
   [Details of appropriation and use]

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

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

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

5. If used for irrigation, give the accurate and description of the lands to which water has been applied and name of the user:
   [Description of lands and user]

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

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:
    [Details of formations]

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 County Engineer:

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, do not fill in. Otherwise the form will be returned.

Original to the County Clerk and Recorder. Substantial to the State Engineer; Triplicate to Montana Bureau of Mines & Geology, and Quadruplicate to the Appropriator.
File No. 

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. B. W. Phelan, of Boulder, Jefferson County, 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:
   A. Stockwater and irrigation
   B. Stockwater and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   A. 1850 intermittent
   B. 1865 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   A. 45 miners inches
   B. 45 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:
   A. 20 acres near well - B. W. Phelan
   B. 5 acres near well - B. W. Phelan

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:
   A. 1850
   B. 1865

8. The depth of water table:
   4 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   A. 10 feet deep, hand dug, 3 ft. x 3 ft. square, wood curbing
   B. 40 feet deep, hand dug, 3 ft. x 3 ft. square, wood curbing

10. The estimated amount of groundwater withdrawn each year:
    A. 250,000 gallons
    B. 2,500,000 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:

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.

Signature of Owner

Date December 31, 1963
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Maurice Hagman of Box 194
   (Name of Appropriaator)
   (Address)
   (Town)

   County of Jefferson
   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. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   May 15, 1952 to Sept 10, 1954

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

5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof.
   40 acres, 160 acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Commenced by August 25, 1952

8. The depth of water table.
   Seven 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 feet wide, 5 feet deep, 10 feet deep

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: 7-7-1946

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

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

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

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

1. b. *:\mica, of 1c.<oie<rl (Name of Appropriator)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1970 intermittent

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 Miner. 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: 25 acres - N.E. of Section 34, T. W. Thelen

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Powered 1 ft.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1970

8. The depth of water table: 25 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: Hand drill, wood casing, x 3 ft., x 3 ft. square, 45 feet deep

10. The estimated amount of groundwater withdrawn each year: 400,000 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: Sub-irrigation on cross-hatched land, in diagram above: 8 acre feet per acre

Signature of Owner: [Signature]

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 for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPRCRIPTION 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: Bill Shequish
Address: Boulder, Mt.

File: 94453
April 29, 1971
10.30 am

Date well started: April 11, 1971
completed: April 16, 1971

Type of well: Drilled
Equipment used: Churn

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

*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: 80,000

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>171b</td>
<td>0</td>
<td>140</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 135 ft.
Pumping water level: 130 ft.

*Measured from ground-level.

Well developed by: 20 hrs.
Power: 25 HP: Pump: 71 HP

Remarks: Gravel packing, cementing, packers, type of stimulation.

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

License No. 38

Driller's Signature: Wesley F. Dickens
Driller's Address: 48410

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
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<tbody>
<tr>
<td>0</td>
<td>135</td>
</tr>
<tr>
<td>135</td>
<td>140</td>
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</tbody>
</table>
RECORDING OFFICE

Recorded 5-1-1924 by

Filed for record this 5-1-1924 by

Fees, $2.00

County Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Louie Larson</td>
<td>P. O. Box 23 Boulder</td>
<td></td>
</tr>
</tbody>
</table>

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

1. **Domestic use and stock water.**

2. The beneficial use on which the claim is based:
   - **Domestic use and stock water.**

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   - 1866 and intermittent use since.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - **(1 and 2 on diagram).**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - **No. 1 well commenced and completed in 1866.**
   - **No. 2 well commenced and completed in 1972.**

8. The depth of water table: **Estimated at ten (10) 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:
   - **No. 1 well is a dug well, fifteen (15) feet deep.**
   - **No. 2 well is a dug well, twelve (12) feet deep.**

10. The estimated amount of groundwater withdrawn each year: **Approximately five (5) miner's inches.**

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:
   - **See also decree record book, 14th page.**
   - **Office of clerk of the court of Jefferson County.**
   - **Water rights to McCarty Creek.**

Signature of Owner: [Signature]

Date: **December 31, 1962**

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

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

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

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

1. John and Florence Wolverton, of 201 S. Monroe St., Belpre, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 1, 1933

4. The amount of groundwater used (in miner's inches or gallons per minute): About 3000 gallons per 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:

   3 lots of tree and garden

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

   2 Electric pumps

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

   Old well about 1870

   Drilled well April of 1933

8. The depth of water table:

   Varies from 20 to 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:

   1 well 92 ft.
   1 drilled well 6" casing 63 ft. deep

10. The estimated amount of groundwater withdrawn each year:

    1,075,000 gallons

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

    All 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: John Wolverton
Date: Dec. 19, 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.

Origin: to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Approporator.
<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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<tbody>
<tr>
<td>14</td>
<td>Development &amp; Irrigation</td>
<td>U712</td>
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<td></td>
<td>Corporation</td>
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<tr>
<td>15</td>
<td>Parmercy, Dorothy M.</td>
<td>U714</td>
<td>83-763</td>
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</tbody>
</table>
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, 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:** Elkhorn Mine

**Address:** P.O. Box 14, Boulder, MT 59632

**Date well started:** 1987

**Completed:** 1992

**Type of well:** Mine Shaft

**Equipment used:** Hand drilling & blasting

**Work:** Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe use:* If used for irrigation, industrial, drainage or other. Explain.

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE:** EACH SMALL SQUARE REPRESENTS 10 FT. X 10 FT.

**LICENSE NO.:** 14220

**REMARKS:** (Gravel packing, cementing, packers, type of shutoff):Mine only opened up to 2300 ft level, 5360 ft. above sea level, now flooded to 1113 ft level, 5435 ft. above sea level.

**DRILLER’S LOG**

Indicates 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.

<table>
<thead>
<tr>
<th>Top of Ground (feet above sea level)</th>
<th>6616</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (Feet)</td>
<td>To (Feet)</td>
</tr>
<tr>
<td>0-2300 ft</td>
<td>8 x 10 ft. mine shaft from 8 x 10 ft. mine shaft from 2300 ft. to 2300 ft. on a 34 degree incline. Well was at the bottom of the caliche and was running through caliche with the shale as a hanging wall. Mine property consists of 10 patented mining claims. 10 rods &amp; 2 poles making up approx. 110.5 acres.</td>
</tr>
</tbody>
</table>

**Static water level:** 6616 ft.

Pumping water level: 5335 ft.

*Measured at 600 gallons per minute, measured over 6 yrs.*

Currently pumping 8 hrs. per day with a 600 gpm motor pump, pumping 8 hrs. per day. Mine makes an average of 3.0 gpm.

**PERFORMANCES**

Wooded in places as required, otherwise open for entry & exit by means of mine holes.

Currently pumping 8 hrs. per day with a 600 gpm motor pump, pumping 8 hrs. per day. Mine makes an average of 3.0 gpm.

**SCHEDULE OF FRACTIONAL PROPERTY**

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2300 ft</td>
<td>8 x 10 ft. mine shaft from 8 x 10 ft. mine shaft from 2300 ft. to 2300 ft. on a 34 degree incline. Well was at the bottom of the caliche and was running through caliche with the shale as a hanging wall. Mine property consists of 10 patented mining claims. 10 rods &amp; 2 poles making up approx. 110.5 acres.</td>
</tr>
</tbody>
</table>

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE:** EACH SMALL SQUARE REPRESENTS 10 FT. X 10 FT.

**DRILLER’S SIGNATURE:** 

**OWNER’S ADDRESS:** 1721 East Mountain Drive

**LICENSE NO.:** 14220

**REMARKS:** (Gravel packing, cementing, packers, type of shutoff):Mine only opened up to 2300 ft level, 5360 ft. above sea level, now flooded to 1113 ft level, 5435 ft. above sea level.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 27, Montana Session Laws, 1961)

1. GRETTA M. CAMMODY
   (Name of Appropriator)
   of Boulder
   (Address)
   (Town)

   County of Jefferson
   State of Montana

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

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

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: January 9, 1945

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1,000 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: Irrigation of small yard

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: By well with electric pump and hand pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started November 21, 1944 - completed January 9, 1945

   8. The depth of water table: Approximately 15 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: 6 inch steel casing to 27 foot depth

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

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

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

Signature of Owner: GRETTA M. CAMMODY
Date: Sept. 29, 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: 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>Kingston &amp; K and</td>
<td>D W B</td>
<td>83101</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Uphold Ray</td>
<td>D W B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Hackett Water Co.</td>
<td>D W B</td>
<td>83102</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: | April 24, 1961 |
| Owner: | John Doe |
| Address: | 123 Main St, Flathead County |
| Contractor (if any): | Smith Construction |
| Address of Contractor: | 456 Oak Ave, Lake County |
| Date Started: | June 1, 1962 |
| Date Completed: | July 31, 1962 |

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

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>Water available from a natural spring</td>
</tr>
<tr>
<td>Sub-irrigation</td>
<td>Water used from sub-irrigation</td>
</tr>
</tbody>
</table>

| Quantity of water developed and used | 5000 gallons per day |
| Explanation of method used to measure or estimate such amount | Flow meter installed |

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

| Section 1, T.61 N., R.29 W. |

Signature of Owner: John Doe
Date: July 31, 1962

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

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

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

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

10/64