I received an order from Mr. Black for the year 19...
G. D. Shallenberger, 2712 Spurgin Road, Missoula, Mont.

May 19, 1964

12-13-63

214250

from the Clarks Fork River
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Declaring party]

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 lawn irrigation

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

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

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

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 The estimated amount of groundwater withdrawn each year: [Amount]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: [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.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

(Name of Appropriator)  
(Address)  
(Town)  

County of  
State of  

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

1. Name and address of owner of the property

<table>
<thead>
<tr>
<th>N</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based

   Household

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

   April 15, 1951

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

   Underground

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

   [Signature]

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

   [Signature]

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

   April 15, 1951

8. The depth of water table

   48 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

   Deep well - 48 ft

10. The estimated amount of groundwater withdrawn each year

    Unknown

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

    [Signature]

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]

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)

STATE ENGINEER

Henry R. and Margaret Endick, Rex #1, Mullan, Montana

County of
State of

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: Land and irrigation

3. Date or approximate date of earliest beneficial use and how continuous the use has been: Dec. 20, 1961

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and names 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: Well and pump: 50 x 150 ft.

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: 20,000 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: [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.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name, Address, and Town:**

   - **Name:** [Name of Appropriator]
   - **Address:** [Address]
   - **Town:** [Town]

   County of [County], State of [State], 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: [Date]

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

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

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

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

STATE ENGINEER

1. Vurl L. Springer,
   2316 Mount Avenue, 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:

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

   3. Date or approximate date of earliest beneficial use: and how continuous the use has been:
   - Continuous since Aug. 25, 1957

   4. The amount of groundwater claimed (in inches or gallons per minute): 16 gallons per minute

   5. If used for irrigation, give the acres and description of the lands to which water has been applied and name of the owner thereof:
   - 1 acre Lot 33 Sec 30 T.13 R.19
   - If acre irrigated

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - By pump Lot 33 Sec 30 T.13 R.19

   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:
   - Approx 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:
   - Drilled 8 inch well 70 ft. 6 in. deep

   10. The estimated amount of groundwater withdrawn each year:
   - 450,000

   11. The log of formations encountered in the drilling of each well if available:
   - 70 ft. 6 in. 0 to 35 Loose gravel 35 to 65 Sand and gravel
   - 65 to 70 Loose clean gravel 150 gal per min. with air test

   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:
   - County Clerk and Recorder Book 195, page 214

   Signature of Owner: Vurl L. Springer
   Date: Dec. 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 for the Appropriator.

1965
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John Stahl                          Address: Montana
Driller: John Farrell                       Address: Montana
Date Started: May 6, 1958                   Date Completed: May 5, 1958
Location: Sec. 13T., R. 19N. X sec.

Type of well: 5" Black

Equipment used: (Chains, drills, rotary, etc.)

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

Casing:
- ft. to ft. Type: Black Size: 5

Perforated or Screened:
- Ft. to Ft. Size

Type of screen or perforations

Static Water level, for non-flowing well: 2 ft.

Shut-in pressure, for flowing well: lb./sq. in. on: May 5, 1958

Pumping water level: H ft. feet at gal. per min

How tested:

Length of test: 2 hrs.

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

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 6</td>
<td>To 40</td>
</tr>
<tr>
<td>40</td>
<td>47</td>
</tr>
</tbody>
</table>

Signed:

[Signature]

Date:

[Date]
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1953
(Under Chapter 237, Montana Session Laws, 1951)

Owner: George Steiner
Address: Missoula, Montana

Driller: Glenn Camp, 705 Alder
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: May 4, 1966
Date completed: May 6, 1966

Type of well: Drilled (Drop, Driven, bored or drilled)

Equipment used: Churn drill, rotary or other

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; I.D.</td>
<td>1st 2&quot; above basement floor to 65 2&quot;</td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

Static Water Level for non-flowing well 37 feet.
Shut-In Pressure for Flowing Well 37 feet at 50 gal per minute.
Discharge in gal per min of flowing well

How Tested: well-to-compressor
Length of Test: 2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Show exact depth of bottom.

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, these copy to be retained by driller.

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

Driller's Signature: Glenn Camp
Driller's License Number: 41,584
I received and filed this instrument for

at 3:00 p.m., permanent until of Meade County, State of Kentucky

I have my hand:

[Signature]

[Notary Public]

[Notary Public]

[Notary Public]

[Notary Public]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Helen K. Stewart, of 2500 Mount Ave, Bozeman, Montana.
   (Name of Appropriator) (Address) (Town)
   County of Montana 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, walls, 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: Helen K. Stewart
Date: 3-1-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate 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. WILLIAM STOCKE, d.1309 RESERVE MISSOULA
   (Name of Approporator) (Address) (Town)
   County of: MISSOULA 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.

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). UNKNOW.

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.
   SOUTH HALF OF LOT 5 IN SECT. 38 IN TOWNSHIP 13 N, RANGE 66 W, 4TH P.M.

6. The means of withdrawing such water from the ground and the location of each well used for withdrawal.
   ELECTRIC PUMP FOR WELL ONLY

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 capacity of each well, and 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: William Stocke
Date: 12-31-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
Approx. (Elev. above sea level 3300')

Formations Log:
0 - 1 Top soil.
1 - 24 Gravel, cobbles, stones, sand & boulders.
24 - 29 Gray sand.
29 - 36 Sand & gravel.
36 - 37 Travel imbedded in tan clay.
37 - 72 Sand and gravel mixed in gray clay.
72 - 74 Fine sand & gravel.
74 - 76½ Clean coarse sand & gravel. Good water.

Date of Notice of appropriation of groundwater. None filed.
Date well started 10/10/55 Date completed 10/15/56

Type of well Drill ed, Equipment used Cable Tools
(Dig, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Other

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

Water rises in the well 37 feet from surface.

How Tested Air Lift Pump
Length of Test Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through the open bottom of six inch casing. Wells with open bottom completions in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they should be used if used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

Show exact depth of bottom. Bottom of hole 76' 6"

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well
Pumping Water Level
Discharge in gal. per min. of flowing well

Non-flowing

Driller's License Number
Driller's Signature

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, title copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
I received and filed this instrument for record on the 20th day of Feb., 1927, at 12:15 o'clock, P.M., permanent files of Miami County, State of Kansas.

Witness my hand,

[Signature]

County Recorder

Fee $5.00 paid.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Trinity Baptist Church
Owner: Missoula, Montana
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 2/27/60
Date completed: 10/1/60

Type of well: Drilled
Equipment used: Cable tools

Water use:
Domestic 
Municipal 
Stock 
Irrigation 
Industrial 
Drainage

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Size of Drilled Hole</th>
<th>Description of Casing</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot;</td>
<td>OD x 1/4&quot;</td>
<td>1'6&quot;</td>
<td>83</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 26 feet.

Shut-in Pressure for flowing well: 40 feet.

Pumping Water Level: 48 feet.

Discharge in gal. per min. of flowing well: 75 gal. per minute.

How Tested: Air Lift Pump

Length of Test: 2 hours

Remarks: Gravel packing, cementing, packer, type of shutoff. All water entering well is passing through the open bottom of six inch casing. Wells in this area can be operated upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they should be pumped at rates not in excess of 50 per cent of the tested capacity of the aquifer.

Parcel #3: Lot 36 of Cobban A, Dimmores Orchard

Owner's Name: Approx. four acres. 

WILLIAM P. O''LEARY
Driller's License Number

Driller's Signature

44, 745
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1 Ed- and Florence Turnbull
(Name of Appropriator)
of 2820-36th St., Missoula
(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:

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 April 1, 1958 continuous use

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of owner thereof 1/2 acres lawn and garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   1 HP electric pump Lot 53 Sec 6T 13 R 19 W

7. The date of commencement and completion of the construction of the well, or other works for withdrawal of groundwater March 1, 1958 completed March 8, 1958

8. The depth of water table 25 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 in. well depth 75 ft.

10. The estimated amount of groundwater withdrawn each year...1,500,000 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...official plat thereof book 4 page 71

   records of Missoula County, Mont. Document No. 119117 Tract No. 1

   on plat filed in book 7 of contracts and agreements on page 500

   Office of Clerk and Recorder of Missoula County, Mont.

Signature of Owner

Date December 30, 1963

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

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

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

Owner: Henry Kocher
Address: 231, Connor St.

Driller: Tom Fyock
Address: Missoula.

Date Started: 1957.
Date Completed: 25.10.57

Location: Sec. 30, T.12N., R.19W. 34 sec.

Type of well: K
Equipment used: K
(Churn drill, rotary, other)

Water use: Domestic K
Industrial □
Municipal □
Stock □
Irrigation □

Casing: 0 ft. to 70 ft.
Type: Screened
Size: 5 ft.

Casing: 70 ft. to
Type: Screened
Size: 

Casing: to
Type: Screened
Size: 

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

Type of screen or perforations:

Static Water level, for non-flowing well: 26'

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

Pumping water level: 30' feet at 10 gal. per min.

How tested: BANKS

Length of test: 4 hrs.

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>30</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>65</td>
<td>70</td>
</tr>
</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

Name: Glen Voll

Address: 341 South Ave., V.

Miles City, Montana

Date well started

4/10/72

completed

4/16/72

Type of well

Drilled

Equipment used

Cable Tools

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe

USE: If used for irrigation, industrial, drainage or other, explain, stating approximate rate of use, location or other data (i.e. top, block irrigated, etc., proportion of lot, block and addition), (G overhead sprinklers, (O) ground level)

ESTIMATED ANNUAL WITHDRAWAL

21,028,000 gallons

Top of Ground: 3.160' (Elv. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td>18</td>
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<td>20</td>
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<tr>
<td>26</td>
<td>34</td>
</tr>
<tr>
<td>34</td>
<td>79</td>
</tr>
<tr>
<td>79</td>
<td>83</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

Water rises in well 32' from surface.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE ENGINEER

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

DeWayne N. Jones Well
(Name of Appropriator) 2336 26th St
(Address) Missoula (Town)

County of Missoula, 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 water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
August 1961 - Continuous

4. The amount of groundwater claimed (in inches or gallons per minute)
60 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
NE 1/4 Sec. 30, T. 16 N, R. 19 W

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

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

8. The depth of water table: 25 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
5th drilled 25 ft deep

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

11. The log of formations encountered in the drilling of each well if available
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: 12-31-63

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

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

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

1969
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

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

Leonard and Agnes M. White, 2636 Spuyten Duyvil, Missoula
(Name of Appropriator) (Address)

County of Missoula 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: Dec. 21, 1946, Continuous

4. The amount of groundwater claimed (in minor's inch or gallons per minute): 20 gallons per minute

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: 1/4 acre in Wk. 107, S.2

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

Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started Dec. 10, 1946, Completed Dec. 21, 1946

8. The depth of water table: 30 feet from bottom of basement = 38 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled, 4 inch, 72 feet from bottom of basement = 77 feet

10. The estimated amount of groundwater withdrawn each year: 2,282,000 gallons

11. The log of formations encountered in the drilling of each well if available: 8 feet top soil, sand and gravel, 30 feet sand and clay, large boulders, 30 feet, sand, clay and gravel, 4 feet cinders, curve sand and 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: Leonard A. White

Date: Jan. 23, 1964

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

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

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

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

BYDAS G. ZIEG
(Name of Appropriator)
3030 E. 1st St.
(Address)
Missoula, Montana
(Town)

County of Missoula
State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

1. The beneficial use on which the claim is based househo ord use and irrigation

2. Date or approximate date of earliest beneficial use; and how continuous the use has been in this well, which was probably dug about 1900 A.D., it has been used continuously since its installation

3. The amount of groundwater claimed (in miner's inches or gallons per minute) about 200 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 whose land was irrigated

5. Indicate point of appropriation and place of use, if possible. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump using an injector. It is a two pipe system

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater probably about 1900 A.D.

8. The depth of water table about 30 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 I think the well was hand-dug to about 25 feet, then a pipe driven up in a few feet further, about 5 or more feet

10. The estimated amount of groundwater withdrawn each year 2,000,000

11. The log of formations encountered in the drilling of each well if available no information 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 Book 4, Page 260, Line 5 Missoula County Treasurer, MISSOURI ORCHARD HOME No. 4

Signature of Owner: BYDAS G. ZIEG
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
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 227 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.

Don L. and Owner Shirley B. Alsbury
Address 2923 Hilltop Drive File For Administrator's Use
Missoula, Montana April 13, 1974

Date well started: 10/9/70 GW.1
completed: 10/12/70

Type of well: Drilled
(Dig, driven, bored or drilled)

Equipment used: Cable tools
(Chum drill, rotary or other)

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

*Describe __________________________

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

ESTIMATED ANNUAL WITHDRAWAL: 150,000 gallons

<table>
<thead>
<tr>
<th>Size of Perforations</th>
<th>Size and Weight of Casing</th>
<th>Kinds of</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; by 1/2&quot;</td>
<td>60</td>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 31.4" ft.
Pumping water level: 42.2" ft.
Hours of pumping: 20 gallons per minute,
measured 2.2 hours after pumping began.

Power: 30 HP Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff) ALL
WATER ENTERING WELL IS COMING THROUGH open
bottom of six inch casing, wells in this
cont...

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

Driller's Signature: LIBERTY DRILLING COMPANY
Driller's Address: 2500 Reserve Street

County: Missoula

Top of Ground (Elev. above sea level): 3135

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>1 58</td>
<td>Topsoil</td>
</tr>
<tr>
<td>1 63</td>
<td>Sand with gravel and cobblestones mixed in.</td>
</tr>
<tr>
<td>63 63</td>
<td>Fine sand with some gravel mixed in.</td>
</tr>
<tr>
<td>65 65</td>
<td>Top soil</td>
</tr>
<tr>
<td>68 68</td>
<td>Clean coarse sand and gravel. Water.</td>
</tr>
</tbody>
</table>

68 ft. Show exact depth of bottom water rises in well 31 1/4 ft. from surface.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF HUNGER
RESOURCES AND CONSERVATION

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.

J. Gary Louquet Leasing
Owner

Address

Hwy 93 South
Missoula, Montana

Date well started
6/30/72

completed
7/8/72

Type of well Drilled

Equipment used Cable Tool Rig

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

*Describe Commercial

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), Tracts 3 & 4 of N.P. Addition

ESTIMATED ANNUAL WITHDRAWAL 105,120,000 gallons

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole</td>
<td>Type</td>
<td>(Feet)</td>
<td>(Feet)</td>
</tr>
<tr>
<td>8&quot;</td>
<td>5/8&quot;</td>
<td>68</td>
<td>75</td>
</tr>
<tr>
<td>6&quot;</td>
<td>5/8&quot;</td>
<td>68</td>
<td>75</td>
</tr>
</tbody>
</table>

A blank tailpipe w/solid closed bottom extends from

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE 1/4</td>
<td>SE 1/4</td>
</tr>
<tr>
<td>31</td>
<td>19</td>
</tr>
</tbody>
</table>

SE 1/4

T 13

N 19

E 4

W

Static water level 25' 3" ft.
Pumping water level 58' 6" ft.
at 200 gallons per minute,
measured 360 minutes after pumping
began.

*Measured from ground level.

Well developed by Air Lift Pump
for SIX hours.

Power: Gas Pump, 30 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

A blank tailpipe w/solid closed bottom extends from

75 78

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

LIBERTY DRILLING COMPANY

Driller's Signature

Driller's Address 2500 Reserve Street

Missoula, Montana LICENSE NO. 52

Top of Ground Approx. 3160' above sea level

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>37</td>
</tr>
<tr>
<td>37</td>
<td>63</td>
</tr>
<tr>
<td>63</td>
<td>69</td>
</tr>
<tr>
<td>69</td>
<td>78</td>
</tr>
</tbody>
</table>

78 feet. Show exact depth of bottom

Water rises in the well
25' 3" from surface 59,959
In excess of 50 to 60 percent of the treated capacity of the separator, they are not overpressed, i.e., they should be purged at times not depended upon to produce clear and free water year after year as long.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of completion of groundwater appropriation by means of well

Developed after January 1, 1963

(Missoula County)

Appropriate to Missoula, Montana

Address: Missoula, Montana

Campbell Drilling & Supply

Address: Missoula, Montana

Date of Notice of appropriation of groundwater: June 8, 1970

Date well started: June 8, 1970

Date completed: June 8, 1970

Type of well: Drilled

Equipment used: Churn drill

(Churn drill, rotary or other)

Water use: Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

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

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Strata Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10</td>
<td>Topping &amp; Gravel</td>
</tr>
<tr>
<td>10-15</td>
<td>Topping &amp; Gravel</td>
</tr>
<tr>
<td>15-20</td>
<td>Cobbstone &amp; Gravel &amp; Brown Clay</td>
</tr>
<tr>
<td>20-25</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>25-30</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>30-35</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>35-40</td>
<td>Large Gravel &amp; Water</td>
</tr>
<tr>
<td>40-45</td>
<td>Large Gravel &amp; Water</td>
</tr>
<tr>
<td>45-50</td>
<td>Large Gravel &amp; Water</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 22 feet.

Shut-In Pressure for Flowing Well: 20 feet.

Pumping Water Level: 20 feet.

Discharge in gal. per min. of flowing well: 425 gal. per minute.

How Tested: Air Compressor

Length of Test: 2 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).

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

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

Driller's License Number

Driller's Signature

Missoula County

Drilling & Pump Supply

License # 17

Driller's License Number

Driller's Signature

Campbell Drilling & Supply

4/3/23
I received and filed the instrument for record on the 22nd day of January, 2020 at 11:00 o'clock A.M. pursuant to the laws of Mississippi County, State of Mississippi. Wills are not included.

By: ______________________

Notary Public, County Recorder

Fee 1.00

Recorded in the 1st District, 6th Division, Court of Appeals, Mississippi County, Mississippi.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
SECRETARY OF MONTANA

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:

Missoula Community
Owner: Hospital
Address: 2827 Fort Missoula Blvd.
Missoula, Montana 59801
Date well started: 6/25/69
completed: 6/27/69

Type of well: Drilled
Equipment used: Cable tools
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe Emergency Hospital Use

USE: If used for irrigation, industrial, drainage or other, Explain.

ESTIMATED ANNUAL WITHDRAWAL: 63,072,000 gallons

Static water level: 32 ft.
Pumping water level: 69 ft.

Blank Tailpipe: 2 inch thick
welded plug in bottom extends 111 127

N

W

E

S

NW 1/4 NE 1/4 Sec. 31
T. 13 N R. 19 W

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Missoula, Montana
LICENSE NO. 52

Driller's Signature: Liberty Drilling Company
Driller's Address: 700 Reserve Street

Top of Ground Approx. above sea level: 3160'

[Table of perforations]

177 Show exact depth of bottom
Water rises in well 32 feet from surface.
excess of 50 to 60 percent of the rated capacity of the jacket.

...now they are not overmanned. In fact they should be operated at excess not in excess of 50 to 60 percent of the rated capacity of the jacket.

pended upon to produce clear bed of water after year as long as...
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.

Missoula Community

Owner: Hospital

Address: 2822 Fort Missoula Road

Date well started: 6/18/69

Date well completed: 6/24/69

Type of well: Drilled

Equipment used: Cable Tools

Water Use: Domestic Q Municipal Q Stock Q Irrigation Q

Industrial Q Drainage Q Other Q Garden/Lawn Q

*Describe Irrigation & Hospital Emergency Use.

USE: If used for Irrigation, Industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block, Tracts 2, 3, 4, 5, part of 6 & tract 7 and Addition). Fort Missoula Addition #1

ESTIMATED ANNUAL WITHDRAWAL: 63,072,000 gallons

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Size and Weight of Cable</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Water Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; OD x .280</td>
<td>99</td>
<td>6</td>
<td>125</td>
<td>Domestic</td>
</tr>
<tr>
<td>Blank Tailpipe w/1 inch thick welded plug in bottom extends</td>
<td>111 116</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 35 ft.

Pumping water level: 69 ft.

at 300 gallons per minute, measured 180 minutes after pumping began.

*Measured from ground level.

Well developed by Air Lift Pump for 29 hours.

Power Air Lift Pump: 150 HP

Remarks: (Gravel packing, cementing, screens, type of shutoff) #11 WATER ENTERING WELL THROUGH SLOTTED OPENINGS. WELL SCREEN. WELLS IN THIS AREA CAN BE DEMONSTRATED COND.

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

LIBERTY TUNING COMPANY

Driller's Address: 2500 Reserve Street

Driller's Signature: [Signature]

License No: 52

Missoula, Montana 59801

County: Missoula

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground Approx. above sea level: 3160 ft.

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>70</td>
</tr>
<tr>
<td>70</td>
<td>24</td>
</tr>
<tr>
<td>24</td>
<td>99</td>
</tr>
<tr>
<td>99</td>
<td>30</td>
</tr>
<tr>
<td>30</td>
<td>116</td>
</tr>
<tr>
<td>116</td>
<td>116</td>
</tr>
</tbody>
</table>

Water rises in well 35 feet from surface.

5/769
I received and filed this instrument to record on the 3rd day of May, 1922,
and to answer to the same as a certificate of the county in which it was
recorded. This certificate is signed by the county recorder of Missouri,
State of Missouri.

Witness my hand.

[Signature]

[Signature]

[Signature]
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1982

(Under Chapter 227 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filled 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.

**American Dental Manufacturing Co.**

- **Owner:** 1201 S 6th. West
- **Address:** Missoula, Montana 59801
- **Date well started:** 5/24/73
- **Completed:** 5/29/73
- **Type of well:** Drilled
- **Equipment used:** Cable Tools
- **Water Use:** Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
  - Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]
  - Electro Plating Processes & Airconditioning [ ]
- **Estimated annual withdrawal:** 52,560,000 gallons

<table>
<thead>
<tr>
<th>Flushing Water</th>
<th>Size and Type of casing</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6' OD X 1/2&quot;</td>
<td>+2</td>
<td>82</td>
</tr>
</tbody>
</table>

**Static water level:** 33 ft.
**Pumping water level:** 69 ft.
**Pumping rate:** 110 gallons per minute, measured 30 minutes after pumping began.

**Power:** 30 HP
**Remarks:** (Gravel packing & casing: Wells in this area can be deepened)

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

Driller's Address: 2500 Reserve Street

**LICENSE NO.:** 54675
upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 40 to 50 percent of the tested capacity of the aquifer.
DEPARTMENT OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Animal Clinic

Earl Cooper & Samuel Cooper
2604 Bozeman, Missoula

County of Missoula 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: Commercial

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1943 continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electrical Pump, 10 ft. of Block 8, City of Missoula

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

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, 6-inch casing, 70 feet

10. The estimated amount of groundwater withdrawn each year: 2,500,000 gal.

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

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: page 200, Book 290, Missoula County Records

Signature of Owner, Earl & Cooper, James St. Boff

Date: 2017

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.
I received and filed this instrument by receipt on the 11th day of October 1925 at 11:15 o'clock A.M., pursuant to the laws of Nye County, State of Nevada.
Witness my hand.

MARTIN S. SMITH
County Recorder

By:

Date 11-25-25
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 227 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: DALE BLACKLER
Address: 2135 CHARLOTTE MOLKULA, MONTANA
Date well started: MAY 25, 1971
Date well completed: MAY 27, 1971

Type of well: DRILLED
Equipment used: CHURN
Water Use: Domestic

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>Well</th>
<th>Size of Well</th>
<th>Size and Finish of casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D. 6-5/8&quot; OD GL</td>
<td>17 lbs.</td>
<td>70'</td>
<td>90'</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

Static water level: 34 ft.
Pumping water level: 60 ft.

Power used: Gas Pump: 125 HP

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

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Shown depth at which water is found and height to which water rises in well.

Top of Ground

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
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<tr>
<td>61. 61. Black dirt and gravel</td>
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<td>61. 62. Tan clay and gravel</td>
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<td>62. 62. Water, sand and gravel</td>
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<td>62. 62. Tan clay, sand and gravel</td>
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<tr>
<td>66. 67. Water, sand and gravel</td>
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<tr>
<td>68. 70. Water, sand and gravel</td>
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</tbody>
</table>

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

Driller's Signature: ___________________________
Driller's Address: 1658-20th St., Missoula, MT
LICENSE NO. 181

70 ft. Show exact depth of bottom
I received and filed this instrument for recording on the 24th day of July, 1971, at 9:00 a.m., and note the permanent file as Missoula County, State of Montana, in the Second Ward. This document was signed by the County Recorder and the County Clerk.

By: [Signature]
County Recorder
For [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. **Dore C. Cobill**
   
   (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:

   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: About 1950, and continuous domestic and irrigation 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: 10 acres of irrigated field.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well, pump is 25 ft. east of well and 150 ft. north of southeast corner of section 32.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 15, 1950.

   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: Single casing with two inch pipe of pump is recirculating.

   10. The estimated amount of groundwater withdrawn each year: 5,000,000 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: Not available.

   Signature of Owner: Dore C. Cobill

   Date: Dec. 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.
ADDENDUM

Form: ☐ Declaration of Vested Groundwater Rights
☐ Notice of Completion of Groundwater Appropriation by Means of Well

Name of owner: Ray & Viola DeNitt

Corrected land description: EY 1 N 1 NW
Sec. 32 T 13 N R 19 W

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Received Dec 3 1963

STATE ENGINEER

1. Royer Cline Heritage of 2135 Peterson, Missouri

(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. March 1935

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 12 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. 8 acres, Town 13, Range 25, Section 6, Clark County, Montana

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump. Well located in Town 13, Range 25, Section 6, Clark County, Montana

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Began well in Feb 1935, finished March 1935

8. The depth of water table 36 feet - Nov 11, 1943

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. Dig with cement casing. Size 2 1/2 inches x 3 1/2 inches from base. Depth 3 feet. Have gallons of water. Put in 3 feet. Bore 30 inches of clay and gravel. Well 11 feet deep from ground level.

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

11. The logs of formations encountered in the drilling of each well if available. Sand and 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 March 11, 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.
ADDENDUM

Form:  ☑ Declaration of Vested Groundwater Rights
      ☐ Notice of Completion of Groundwater Appropriation by Means of Well

Name of owner:  Elk Horn Lumber Co., Inc.

Corrected land description:

                 NE  
Sec. 32  T13N R19W

Initials:  CS
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Elk Horn Lumber Co., Inc., of Box 99, Missoula, 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: MILL POND at MILL, domestic use, fire protection and sprinkling dogs.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. The claim for MILL POND has been continuously used since 1953, as no interruption has occurred.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) is: Not known.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied. All of Block 4, Wp. 4 and that part of Block 5 east of the N.P. Railway Wittenberg Branch, Lots 10 to 26, both inclusive, and Lots 17 to (description continued on back hereof).

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal is drilled well located in Lot 24, Block 4.

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

8. The depth of water table is: Not known.

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 is: Drilled well, 10 inch casing, approximately 10 feet deep, 25 H.P. electric pump with 6 inch discharge.

10. The estimated amount of groundwater withdrawn each year is: Not known.

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

ELK HORN LUMBER CO., INC.

by

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 the Montana Bureau of Mines and Geology, and Quadruplicate for the Approprietor.
Missoula,

WAYNE E. RUSK, JR.,

is the Vice President of ELK HORN LUMBER CO., INC.

Missoula, Montana
July 10, 1963

(Continuation of description)

59, both inclusive in Block T, Lots 12 to 14 in Block S, and Lots 1 to 12, both inclusive, and Lots 31 to 38, both inclusive, in Block Q, all in CAR LINE ADDITION NO. 3 in Missoula County, Montana. Block V is owned by Ella Delaney. All other ground owned by Elk Horn Lumber Co., Inc.