**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:**

**Address:**

Date well started

Type of well

Equipment used

Water Use:

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other: Garden/Lawn

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

**Estimated Annual Withdrawal:**

<table>
<thead>
<tr>
<th>Kind of Well</th>
<th>From (F)</th>
<th>To (F)</th>
<th>PERTURBATIONS</th>
<th>From (F)</th>
<th>To (F)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

State water level...

Pumping water level...

Pumped from...

At...

gallons per minute.

measured minutes after pumping begun.

Well test run for...

hours.

Power Operates Pump...

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

**Indicate Location of Well:**

Place or site of drill holes if possible.

**Driller's Signature:**

**Driller's Address:**

**License No.:**

Show exact depth of bottom.
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 is 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.

Driller E. A. Havard H. Smiles
Owner
Address

Date well started 1961 Jan 1
Completed 1961 Jan 10

Type of well Drilled, bored or drifted

Equipment used

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 (e.g., 1st Block and Addition)

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Max and Min of Water (ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5</td>
<td>10 ft</td>
<td></td>
</tr>
<tr>
<td>5-10</td>
<td>20 ft</td>
<td></td>
</tr>
<tr>
<td>10-15</td>
<td>15 ft</td>
<td></td>
</tr>
<tr>
<td>15-20</td>
<td>10 ft</td>
<td></td>
</tr>
<tr>
<td>20-30</td>
<td>5 ft</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 15 ft
Pumping water level 10 ft

at 100 gallons per minute, measured 30 minutes after pumping began

Drilled from gravel level
Well developed by pumping for 4 hours.

Power 1/2 HP

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
Driller's Address

LICENSE NO. 381

Show exact depth of bottom

AG 1961 -
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this ___ day of ____________
A.D. 19__, at ___ o'clock in the morning.

Recorded in the Office of the

[Signature]

Deputy
Recently a copy of a groundwater appropriation form, 

- GW 1, Notice of Appropriation of Groundwater
- X GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Ronald R. Shields

Address 3920 McHugh Lane

Helena, Montana

Location T. 10 N  R. 3 W Sec. 18

Document No. 212181

This is to inform you that your GW form has been received and is complete as filed.

X This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please provide the estimated annual withdrawal in gallons per year on the enclosed form.

Completed as per request.

[Signature]

RECEIVED

Jul 4, 1982
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: 
Address: 
Date well started: 19 Jan. 
Top of Ground: 
Type of well: (Drill, Screened or Drilled) 
Equipment used: 
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 acre and location in other (i.e. for crop and addition).

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Flow Rate (gpm)</th>
<th>Percent Recovery</th>
<th>Total Volume (gal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>61</td>
<td>1150</td>
<td>100%</td>
<td>2000000 gallons</td>
</tr>
</tbody>
</table>

State water level: ___________ feet
Pumping water level: ___________ feet
Pumping rate: ___________ gallons per minute
Duration of pumping: ___________ minutes
Total volume withdrawn: ___________ gallons

INDICATE LOCATION OF WELL AND PLACE IN USE IF POSSIBLE EACH MALE SQUARE DEPARTMENTS IN MILES

Driller's Signature: 
Driller's Address: 
LICENSE NO. 
Show exact depth of bottom: ___________ feet
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 7915 Applegrove Lane

Driller: A. E. WELCH  
Address: HELENA, MONT.

Date of Notice of appropriation of groundwater.

Date well started.

Date completed.

Type of well: Dug, Driven, bored or drilled

Equipment used:

Cable tools

Domestic [] Municipal [] Stock [] Irrigation []

Industrial [] Drainage [] Other []

Static Water Level for non-flowing well

25 ft.

Shut-in Pressure for Flowing Well: 118 ft.

Pumping Water Level: 115 ft.

Discharge in gal. per min. of flowing well: 110 gal.

How Tested: BAILER

Length of Test: 3.1/13

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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>Drill Weight of Drilling</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0-115</td>
<td></td>
<td>3/8</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 25 ft.

Discharge in gal. per minute: 110 gal.

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

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

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, three copies 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

18801
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Bob Strain
Address: Custer Ave

Driller: A. J. Walsh
Address: 1000 Popin

Date of Notice of Appropriation of Groundwaters: April 10
Date well started: April 10
Date Completed: April 13

Type of Well: Billed
Equipment Used: (drill, driven, bored or drilled)

Water Use: Domestic □ Municipal □ Other □ Irrigation □
Industrial □ Drainage □ Stock □

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

<table>
<thead>
<tr>
<th>Depth of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>FEET OF TUBING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>53</td>
<td>53</td>
<td>53</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20 feet
Shut-in Pressure for Flowing Well: 70 feet
Pumping Water Level: 15 feet, 15 gal. per minute
Discharge in gal. per min. of flowing well: 70
How Tested: Bailed
Length of Test: 260 feet

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

Driller's License Number: 100
Driller's Signature: A. J. Walsh

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

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

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

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

1. United States of America
   (Name of Appropriator)
   Box 2553
   Billings
   (Address)
   (Town)

2. The beneficial use on which the claim is based...
   Domestic water supply for Project operation and maintenance office, shop and
   grounds. Wells constructed with Federal funds.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
   August 1959 - well has been used continuously since that time.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and the name of the owner thereof...
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
   Water is pumped from a six-inch diameter steel casing by an electrically-driven pump having an approximate discharge capacity of 10 gallons per minute.

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

8. The depth of water table...
   34 feet (as of 12/2/60).

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
   Well type - domestic; water supply; size - 6 inch diameter plain and perforated steel casing; depth - 60 feet.

10. The estimated amount of groundwater withdrawn each year...
   16 acre-feet.

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...
   This water is used in connection with the operation and maintenance of the Helena Valley Project.

United States of America
Signature of Owner...

For Regional Director, Region 6, Bureau of Reclamation
Date: December 23, 1960.

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 Quadtruplicate for the Appropriator.

1959
151302

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on the 26th day of April, 1940, in the office of the

Recorder of Deeds & Clerk

County, State of Montana

Norma Field
Recorder of Deeds
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 337 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: DON WALKER
Address: 3590 MCHUGH Dr.
        HELENA, MONTANA
        59601

Date well started: DEC. 16, 1967
Completed: DEC. 19, 1967

Type of well: DRILLED

Equipment used: CHURN

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: 0

Fixed Rate: 53

Top of Ground (above sea level): 23.09 Silt Sandstone

From: 10, To: 23.09

Static water level: 12.2 ft.
Pumping water level: 30 ft.
40 gallons per minute, measured minutes after pumping began.

Height: 2

Power: 5 HP

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: Wally Lindsey
Driller’s Address: CLANCY, MONTANA
LICENSE NO: 38

53 ft. Show exact depth of bottom

55563.
**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:** Harold Wallace

**Address:** 294 Harvard Avenue, Butte, Montana 59701

**Date well started:** 5/26/73
**Date well completed:** 5/26/73

**Type of well:** Drilled

**Equipment used:** Churn drill

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

*Describe

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Site and Width of Cults</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50' existing well</td>
<td>50' x .250</td>
<td>0'</td>
<td>65'</td>
</tr>
</tbody>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
</table>

| **Static water level:** | 40 ft |
| **Pumping water level:** | 40 ft |
| **at:** | 39 g.p.m. |
| **measured:** | 5 minutes |

*Measured from ground level.

Well developed by building for one hour and pumping one hour for ___________ hours.

Power: Pump: ______ HP

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: Driller's Address: 294 Harvard Avenue, Butte, Montana 59701

License No.: 8

---

Show exact depth of bottom.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Everett S. Yuhas
   of Forestvale Road, Helena.
   (Name of Appropriator) (Address) (Town)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   May 1949

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

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
   Lawn and home garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Jet, 1 hp pump adjacent to home.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   May 1949

8. The depth of water table
   about 17 ft. to 24 ft. seasonal variation

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
   Well depth; 42 ft. from surface

10. The estimated amount of groundwater withdrawn each year
    household and garden use

11. The log of formations encountered in the drilling of each well if available
    sandy mixed 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
    not recorded previously

Signature of Owner
Date: Aug. 1, 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.
STATE OF MONTANA  

ADMINISTRATOR OF GROUNDWATER CO.'S  

OFFICE OF STATE ENGINEER  

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

STATE ENGINEER  

JAN 6 1964  

1. Name of Appropriator: _______________  
   Address: _______________  
   (Name of Appropirate)  
   (Address)  

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

3. Date or approximate date of setting the beneficial use:  
   _______________  

4. The amount of groundwater used (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 the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 15th day of April, 19
A.D. 19...

Assistant County Clerk

County Treasurer

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

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

1. CITY OF HELENA WATER DEPARTMENT, of. CIVIC CENTER. HELENA
(Name of Appropriator) (Address) (Town)
County of. LEWIS & CLARK 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 Sprinkling. Golf Course

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approx. 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 G.P.M.

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 Municipal Golf Course Approx. 80 Acres

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

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 100'

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 Pumps. Summer Months

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: George Walker
Date 3-6-67

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I, hereby certify that the within instrument was filed in my office on the 10th day of March, A.D. 1939.

[Signature]

Cliff Daniel
County Recorder

[Signature]

County Recorder's Deputy

130039
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: John Doe
   (Name of Appropriator)
   (Address)
   (Town)

County of Lewis & Clark, 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, home and emergency use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: July 1952, and has been used as water supply at shop on 2100 Desch Street since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 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: 5 acres, Sec. 31, T. 40N, R. 3W, Block 12 of Grand Avenue Addition in the City of Helena.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump from well on Lot 12.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1952.

8. The depth of water table: 305 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: 60 ft. casing, 60 ft. balance of well solid rock.

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

11. The log of formations encountered in the drilling of each well: 60 ft. clay & gravel, balance solid rock 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: Well is located on Lot 12 in the 3rd of Section 31 Township 40N, Range 3W of the Grand Avenue Addition to the City of Helena. This tract of land is all in Block 12.

Signature of Owner: [Signature]
Date: December 7, 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.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK  SS.

I hereby certify that the within instrument was filed in my office on the 14th day of June, A.D. 1926, and recorded on page 18 of Vol. 1 of the titles of Clark County, State of Montana.

[Signature]

By: [Signature]

Deputy

15060

Indexed

Recorded

Deed
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>
<th>County</th>
<th>State</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helena Veterinary Service</td>
<td>2920 N. Montana</td>
<td>Helena</td>
<td>Lewis &amp; Clark</td>
<td>Montana</td>
<td>6-6-62</td>
</tr>
</tbody>
</table>

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. Necessary for conducting business.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. January 1, 1956. 1940 - 600 B.D. %.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1000

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. Well located in Richmond Hill Addition to City of Helena.

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. 27 30' for dept. water.

9. So far as may be available, the type, size and depth of each well or other means of irrigation, and general specifications of any other works for the withdrawal of groundwater. 1000 gpm. 1000 B.D. %.

10. The estimated amount of groundwater withdrawn each year. 1,620,000 gallons.

11. The log of formations encountered in the drilling of each well as 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.
STATE OF MONTANA

COUNTY OF LEWIS & CLARK

I, hereby certify that the within instrument, was filed in my office on this 7th day of January, A.D. 1967, at 10 o'clock, a.m., of the
Records of Lewis & Clark
County, State of Montana

[Signature]

[Stamp]:

[Note]:

[Handwritten Notes]
Declaration of Vested Groundwater Rights

(State of Montana

Administrative of Groundwater Code

Office of State Engineer

Under Chapter 237, Montana Session Laws, 1961)

1. Sway, Kathleen, Helena, Charles Joint Tenants
   Box 354, Helena
   (Name of Appropriator) (Address) (Town)

   County of Lewis & Clark, 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. 1885 and continuous through 1909. 4 to 6 months use to date yearly for irrigation

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). 50 gal.

   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 20 ac

   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 1885

   8. The depth of water table 12 ft

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Dog 3 ft diameter, 22 ft deep

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

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

   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: Kathleen Ramsey
   Date: Dec. 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.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I, \[signature\], certify that the within instrument was filed in my office on \[date\].

[Signature]
Recorder of Lewis & Clark County, State of Montana
**WATER WELL LOG**

**Owner:** Lewis Al & Marion Williams  
**Address:** 1023 Logan Street

**Driller:** Walter Riddick  
**Address:** 606 N Warren

**Date Started:** November 2, 1961  
**Date Completed:** Nov. 7, 1961

**Location:** Sec. 19 T 10 N R 3 W 

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>7 ft to 63 ft</th>
<th>Type: Regular steel</th>
<th>Size: 6 inch</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th></th>
<th>Type:</th>
<th>Size:</th>
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<table>
<thead>
<tr>
<th>Casing:</th>
<th></th>
<th>Type:</th>
<th>Size:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft to Ft</th>
<th>Type:</th>
<th>Size:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations:</th>
<th>None</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>47 feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb/sq.in:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>60 feet at 15 gal. per min</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Jet pump</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>1 hour</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
</table>

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, feet</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>0 to 65</td>
</tr>
<tr>
<td>65 to 68</td>
</tr>
<tr>
<td>68 to</td>
</tr>
</tbody>
</table>

Lewis A. Williams

STATE OF MONTANA
County of Lewis and Clark

On this 29th day of December, 1961, before me, Floyd O. Small, a Notary Public for the State of Montana, personally appeared Lewis Al Williams, known to me to be the person who has subscribed his name as such to the foregoing instrument, and acknowledged to me that he prepared, signed and executed said instrument.

In witness whereof I have hereunto set my hand and affixed my notarial seal on the day and month of the year first above written.

Floyd O. Small
Notary Public for the State of Montana
Completion of Groundwater
Deposition by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: Harry Anderson
Address: East Helena

Driller: Robert Price
Address: Glancy, Mont.

Date of Notice of appropriation of groundwater
June 3, 1970
Date completed: June 6, 1970

drilled

Type of well: (Bore, driven, bored or drilled) (Cham 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 Equipment</th>
<th>Pumping Water Level</th>
<th>Discharge, in gal. per min. of flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6/8&quot; 0. D. 15 lb.</td>
<td>53</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
15 feet.

Shut-in Pressure for Flowing Well
160 lb.

Pumping Water Level
60 ft.
at
16 gpm.

Discharge, in gal. per min. of flowing well
160 gal.

How Tested: bailer

Length of Test, hrs.
7

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

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

Remainder of form on reverse side.

Driller's License Number
Robert Price

Driller's Signature
47493
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: Clayton Berg

Address: 201 N. Mont

Date well started: May 10, 1972

Type of well: Drilled

Equipment used: Cherr

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☑

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: 20,000

Top of Ground

<table>
<thead>
<tr>
<th>Stratum</th>
<th>To (ft)</th>
<th>From (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
<td>Topwell gravel</td>
</tr>
<tr>
<td>0.3</td>
<td>4.5</td>
<td>Clay, 1 gravel</td>
</tr>
<tr>
<td>0.38</td>
<td>7.5</td>
<td>Brown, light clay</td>
</tr>
<tr>
<td>5.8</td>
<td>8.5</td>
<td>Brown, red clay</td>
</tr>
</tbody>
</table>

Power: 3 HP

Remain: (Gravel packing, cementing, packers, type of cutoff)

Remarks:

Driller’s Signature: Wesley Lindberg

Driller’s Address: 3000 Broadview, Billings, MT 59102

License No.: 38

50 285
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on
this ______ day of ______, 19___ at ______ o'clock ______ M. and recorded
on page ______ of Book ______ Records of Lewis and
Clark County, State of Montana.

[Signature]
County Recorder

[Signature]
Depuy

226415

[Stamp: Recorded/Registered]
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the complete location of the well by Township, Range and Section.

Thank you.

<table>
<thead>
<tr>
<th>Water Use: Domestic □ Municipal □ Stock □ Irrigation □</th>
<th>Industrial □ Drainage □ Other □ Garden/Lawn □</th>
</tr>
</thead>
</table>

**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>Diameter (in)</th>
<th>Gallons per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1716</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diameter (in)</th>
<th>Gallons per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>165</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Annual Withdrawal</th>
<th>364,600</th>
</tr>
</thead>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Diameter (in)</th>
<th>Gallons per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1716</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diameter (in)</th>
<th>Gallons per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>165</td>
</tr>
</tbody>
</table>

**Static water level**

*Measured from ground level. Well developed by Mr. J. for 3 hours.*

**Power: S. I. Taylor, Pump: 3 HP**

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

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

**License No.:** 226415

**Driller’s Signature:**

**Driller’s Address:**

**Show exact depth of bottom:**

**License No.:** 50,985
Top of Ground

(Elev. above sea level.)

0 to 17 clay and boulders

Other—Ram Jet Car Wash

Address—Helena, Montana

Driller—Walter Siddock

Address—Helena, Montana

17 to 51 clay

Date of Notice of Appropriation of Groundwater—9-15-65

Date well started—9-9-65

Date Completed—9-11-65

51 to 42 cement gravel

Type of well—Drilled

Equipment Used—Churn Drill (Churn, drill, rotary or other)

Making 2gal per min at 42

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

Industrial [x] Drainage [ ] Stock [ ]

42 to 55 gravel and granite sand

Total gal per min.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Churn</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>6&quot;</td>
<td>18&quot;</td>
<td>47</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well—14.5 feet.

Shut-in Pressure for Flowing Well—

Pumping Water Level—7.5 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well—

How Tested—Driller

Length of Test—2 hrs.

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

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 water rises in the well.

Show exact depth of bottom. 50 ft.

N

W

Lots 1 & 2 4th Ave. 9, Berkeley Heights, Addn.

Sec. 4-24 T. 167 N. R. 26

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

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

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

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

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

1. Andrew Sherry and Rilla Sherry (Name of Appropriator)  
of 1700 Cherry Street (Address)  
Helena, Montana (Town)  

County of Lewis and Clark  
State of Montana  

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   $1 - before 1920 and $2 - 1955

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 the name of the owner thereof:  
   $1 acre = 1700 Cherry Street, Tract 266' x 210'
   $2 acre = 1700 Cherry Street, Tract 266' x 210'

   Andrew Sherry and Rilla Sherry

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
   $1 well = 1/2 h.p. pump, $2 well = 1 h.p. pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   $1 well = completed by predecessors sometime prior to 1920
   $2 well = completed by applicants in 1955

8. The depth of water table:  
   $1 well = 20 - 30 feet, $2 well = 20 - 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:  
   $1 well = hand dug, 22 feet deep and 3 feet in diameter.
   $2 well = drilled, 6" casing, 54 feet deep

10. The estimated amount of groundwater withdrawn each year:  
    one million gallons per year

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

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

Andrew Sherry
Signature of Owner

Rilla Sherry
Date: November 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, state otherwise the form will be returned.

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

I hereby certify that the within instrument was first in my office on the 6th day of July
A.D. 1943. It was duly received and recorded on the 6th day of July
A.D. 1943. It was recorded in Book 3 at page 290 of the Records of
Deeds of Lewis & Clark County, State of Montana.

[Signature]
County Recorder

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

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

1. **Don A. & Ruth L. Barnes**, York Route, Helena
   (Name of Appropriator)
   (Address) (Town)

County of **Lewis & Clark** 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 Gravel quarries

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1955 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). #1 400 GPM #2 80 GPM #3 300 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. **Not applicable**

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

7. The date of commencement and completing of the construction of the well, well screen or other works for withdrawal of groundwater.
   **May 11, 1958 - July 10, 1958**

8. The depth of water table.
   20'

9. So far as it may be available, the type or types and depth of any well or the general specifications of any other works for the withdrawal of groundwater.
   **Gravel & Clay**

10. The estimated amount of groundwater withdrawn each year. **50,000,000 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: **Ruth L. Barnes**
Date: **Dec 30, 1963**

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I hereby certify that the within instrument was filed in my office on the 10th day of _ _______________ A.D. 19__ at ___ o'clock ___ M. on post ________.

[Signature]

[Name]

County Recorder

[County]

[Date]
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 (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SAND &amp; GRAVEL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Depth of Well</th>
<th>Bottom of Crude</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 84 ft.
Pumping water level: 30 ft.

*Measured from ground level.

Well developed by: Hours

Power: HP

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

Driller's Address

LICENSE NO. 60

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: Ruth Barnes
Address: Canyon Ferry Rd
Helena, Mont.
Date well started: 1958
Completed: 1959
Type of well: Dug
Equipment used: Chain drill
Water Use: Domestic

*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>Row of Seats</th>
<th>Stool No.</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 25 ft.
Pumping water level: 18 ft.
at 60 gallons per minute, measured 10 minutes after pumping began.

*Measured from ground level.

Well developed by power: 1 HP

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: A. Barnes

Driller's Address:

LICENSE NO.

Top of Ground

<table>
<thead>
<tr>
<th>Stool No.</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Show exact depth of bottom

50'
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I, hereby certify that the within instrument was filed in my office
29th day of June
A.D. 19__\n
\

Records of Lewis & Clark
County, State of Montana

[Signature]
Deputy

\$200
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: John Doe
Address: 123 Main St

Date well started: July 1, 1962
Date well completed: August 1, 1962

Type of well: Drilled
Equipment used: Chisel

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: 50,000

<table>
<thead>
<tr>
<th>Site of District</th>
<th>Site and Wage of County</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>1916</td>
<td>0</td>
<td>51</td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level: 35 ft
Pumping water level: 25 ft
at 20 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by cementing for 5 hours.
Power: Electric
HP: 1/2
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: John Doe
Driller's Address: 123 Main St

LICENSE NO.: 35

Show exact depth of bottom: 50/60
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 10 July 63

Owner: Bum. Address: 548 9th St, Helena

Contractor (if any): 
Address of Contractor: 

Date Started: 1961 Date Completed: 1962

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

Granular pit which has filled with water - 20 feet deep

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

Plan to use as a farm pond and for irrigation during dry years. Have pump that will pump 100 sides.

Signature of Owner: Date: 10 July 63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines 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 WELLS

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: Helena, Sand & Gravel

Address: Box 727

Date well started: May 15-73

completed: May 16-73

Type of well: Driven

Equipment used: Pile Driver

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 (e.g., Lot, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rate of Water Level (GPM)</th>
<th>Power (HP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.000</td>
<td>9.50</td>
<td>0.10</td>
</tr>
</tbody>
</table>

Static water level:

Pumping water level:

at:

gallons per minute

measured:

measured:

*Measured from ground level.

Well developed by:

for:

Power:

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:

Driller's Address:

Helena, MT

License No.:

95

Show exact depth of bottom

5/15/73
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY
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: Helene Sand & Gravel
Address: Box 717
Helena, Mont.

Date well started: May 3, 1973
Completed: May 9, 1973

Type of well: Drv
Equipment used: Back Ho Cam

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

Describe: WASHING GRAVEL

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: 60,000,000 gal

<table>
<thead>
<tr>
<th>Site of District</th>
<th>Size of Field</th>
<th>Kind of Well</th>
<th>Depth of Well</th>
<th>Kind Me</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S.E. 1/4 NW 1/4, Sec. 23</td>
<td>50' x 50'</td>
<td>Gravel packer cementing</td>
<td>70'</td>
<td>10'</td>
<td>20'</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 70 ft
Pumping water level: 20 ft at 1,000 gallons per minute, measured 10 minutes after pumping began.

*Measured from ground level.

Well developed by __________ for __________ hours.

Power: 1/2 HP

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: __________
Driller's Address: Box 192

License No.: __________

80' Show exact depth of bottom
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on the 20th day of August, 1973, at 5:02 p.m., and is a true and correct copy of the original deed which was executed by the parties described therein on the 1st day of July, 1973.

Records of Lewis & Clark County, State of Montana

[Signature]
County Recorder
Deeds
**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**: Helina Sam  
**Address**: Box 277  
**Date well started**: 1971  
**Type of well**: Drill

---

**Equipment used**: C.A.U.M.  
**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 (e.g., Lot, Block, and Addition).

---

**Estimated Annual Withdrawal**: 700,000

---

**Top of Ground (Elev. above sea level)**

---

**Perforations**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Cutting</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6&quot; 0</td>
<td></td>
<td>95</td>
<td></td>
</tr>
<tr>
<td>3x1.5</td>
<td></td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Static water level**: 30 ft.

**Pumping water level**: 85 ft.

**Well developed by**: Surfage for hours.

**Power**: Electric 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**: [Signature]

---

**Driller’s Address**: Box 277

---

**LICENSE NO.**: 96

---

**Show exact depth of bottom**: 54 feet
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: Mel Lowe
Address: Helena Valley

Date well started: August 26, 1971
Completed: August 28, 1971

Type of well: Drilled
Equipment used: Churn

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

For Administrator's Use

Gravel

Top of Ground

<table>
<thead>
<tr>
<th>Depth</th>
<th>Top to</th>
<th>From to</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Topsoil &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Gravel (Coarse)</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Sandstone</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>Sand &amp; Clay</td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>Gravel</td>
<td></td>
</tr>
</tbody>
</table>

ESTIMATED ANNUAL WITHDRAWAL: 80,000 gallons

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

Driller's Signature: Wesley \\
Driller's Address: 787

Rafael Street

LICENSE NO. 38

Show exact depth of bottom: 4.3 ft.
I hereby certify that the within instrument, was filed in my office, on
the 19th day of October, A.D. 1972. At six o'clock, p.m.
records of Lewis and Clark, County, State of Montana.

[Signature]

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)

1. Montana Meat Company of Helena, of Helena
   (Name of Appropriator) (Address) (Town)
   County of Lewis and Clark, 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 packing plant and industrial use, agricultural, watering livestock, irrigation and domestic.

3. Date of earliest beneficial use: Wall #1, 1917; Wall #2, continuous since 1917; Wall #3, continuous since 1935; Wall #4, continuous since 1938 to recent date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Wall #1, 40 gal. per minute; Wall #2, 15.66; Wall #3, 16.30; Wall #4, 33.32—temporarily discontinued.

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: 60 acres in E½ NE½ Section 23, Township 10 N., Range 3 W. — Owner: Montana Meat Company of Helena.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by power-operated pumps through well casing.

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater: Wall #1, completed in 1917; Wall #2, 1917; Wall #3, 1935; Wall #4, 1938; exact dates of commencement and completion lost in antiquity.

8. The depth of water table 20 to 35 feet depending on time of year.

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: Wall #1, 6" casing, 98 feet deep; Wall #2, 8" casing, 98 feet deep; Wall #3, 6" casing, 98 feet deep; Wall #4, 6" casing, 98 feet deep.

10. The estimated amount of groundwater withdrawn each year: Wall #1, 21,260,000; Wall #2, 8,760,000; Wall #3, 30,660,000; Wall #4, 17,320,000.

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 in carrying out the policy of this act, including reference to book and page of any county record: None.

ATTEST:

MONTANA MEAT COMPANY OF HELENA

BY Signature of Owner

Date 11/17/63

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

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

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

I hereby certify that the within instrument was filed in my office on the 17th day of October, A.D. 1923, at 10:05 a.m. first
hour of clock and
Records of Lewis & Clark
County State of Montana

[Signature]
County Recorder

[Signature]
Deputy
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide as indicated in red on the attached form, the claimed groundwater use.

Thank you.

[Signature]

[Date] 11/18/93

51,735

---

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide as indicated in red on the attached form, the claimed groundwater use.

Thank you.

[Signature]

[Date] 11/18/93

51,735

---

<table>
<thead>
<tr>
<th>Water Use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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).

---

<table>
<thead>
<tr>
<th>ESTIMATED ANNUAL WITHDRAWAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Soil of Depth (Feet)</th>
<th>Rate of Drawdown (Feet)</th>
<th>Number of Years</th>
<th>Water Level (Feet)</th>
<th>Power (HP)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

Static water level 20 ft.

Pumping water level 42 ft.

at 30 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by HATLER for 2 hours.

Power: 125 HP.

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: A. J. Weil

Driller's Address: 5820 N. Mont

HELENA LICENSE NO. 100

52 Show exact depth of bottom

51,735
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: **Marion D. Aaby**
Address: Box 837
**East Helena, Mont.**

Date well started: JULY 2
Completed: JULY 472

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, state number of acres and location or other date (i.e. Lot, Block and Addition).

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

**Each small square represents 40 acres.**

Driller's Signature: **A. J. Welch**
Driller's Address: **5820 N. Mont. Helena**
License No.: **100**

**NOTICE:** To file, show exact depth of bottom.