Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. MARY (Name of Appropriator) of 1800 1th Ave. N (Address) Count of Cascade State of Montana have appropriated groundwater according to the Montana laws in force prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: 
   - Stock-watering
   - Domestic
   - Irrigation
   - Sub-irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been by predecessors in interest & title and by claimant since May 20 & 29th, 1959.
   - (4)162,925 gal per yr. sub-irrigated

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - 488,775 gals per acre per yr.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   - Near house, well, and ditches - See attached.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947 by predecessor in title.

8. The depth of water table approx 6 ft. differs different places.

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 don't have that information except well 1-98 ft. deep.

10. The estimated amount of groundwater withdrawn each year 97,755,000 gals.

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

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

Signature of Owner

Date

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

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

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

The Southwest Quarter of the Northeast Quarter (SWiNEi) and the Southeast Quarter (SEi) of Section Seven (7); the South Half of the Southwest Quarter (SfrSWi) of Section Eight (8); the North Half of the North Half (NfNWi), Southeast Quarter of the Northwest Quarter (SEfNWi) and the Southwest Quarter of the Northeast Quarter (SWiNEi) of Section Seventeen (17); the North Half of the Northeast Quarter (NfNEi) and the Southwest Quarter of the Northeast Quarter (SWiNEi) of Section Eighteen (18); the Southwest Quarter (SWi), South Half of the Northwest Quarter (SfNWi), Southwest Quarter of the Northeast Quarter (SWiNEi) and the West Half of the Southeast Quarter (WfSEi) of Section Twenty (20); the Northeast Quarter (NEi), East Half of the Northwest Quarter (NEfNWi) and the East Half of the West Half of the Northwest Quarter (EiWWi) of Section Twenty-nine (29); all in Township Twenty-one (21) North, Range One (1) East, M.M.

and

The Southwest Quarter of the Northwest Quarter (SWiNWi) and the Southwest Quarter of the Southwest Quarter of the Southwest Quarter (SWiSWiSWi) of Section Seventeen (17); the Southeast Quarter of the Northeast Quarter (SEfNEi), the Southwest Quarter of the Southeast Quarter (SWiSEi), the West Half of the Northeast Quarter of the Southeast Quarter (WfNEiSEi) of Section Eighteen (18); all of the Southwest Quarter of the Southeast Quarter (SEfSEi), less the Northeast Quarter of the Southwest Quarter of the Southeast Quarter (NEfSEiSEi) of Section Eighteen (18), the West Half of the Northwest Quarter of the Northwest Quarter (WfNWfNWi) of Section Twenty (20); all in Township Twenty-one (21) North, Range One (1) East, Cascade County, Montana.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1936

Owner: Milton M. Wagoner

Contractor (if any): Self

Address of Contractor:

Date Started: Date Completed:

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

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.

Signature of Owner: Milton F. Wagoner
Date: Dec 30, 1964

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, no state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
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: [Name]
Address: [Address]
Town: [Town]
County: [County]
State: [State]

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

1. [Description of appropriation]

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

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 of withdrawal]

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

8. The depth of water table:
   [Depth]

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

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

11. The log of formations encountered in the drilling of each well, if available:
    [Log]

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

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, | 8.
County of Cascade. | 8.

I hereby certify that the within instrument was filed in this office on

JAN 3 - 1964

Date

at 8:00 o'clock A.M.

J. L. LENNON
County Clerk and Recorder

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

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

Date of Appropriation of Groundwater: 12-30-63

Owner: 
Address:

Contractor (if any) 
Address of Contractor:

Date Started: Date Completed:

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

Voluntary Spring

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. Output

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

Voluntary Spring

Date: Dec. 30, 1963

Signature of Owner:

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: [Name] Address: [Address]

Driller: [Name] Address: [Address]

Date of Notice of appropriation of groundwater: 4-19-1963

Date well started: 4-19-1963; Date completed: 5-4-1963

Type of well: Drilled

Equipment used: Churn drill

Water use: Domestic

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 (Ft)</th>
<th>To (Ft)</th>
<th>PIERCINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>7&quot; 2'-#</td>
<td>0</td>
<td>115</td>
<td>Not perforated</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: [Depth]

Shut-in Pressure for Flowing Well: [Pressure]

Pumping Water Level: [Depth] feet

at: [Rate] gal. per minute.

Discharge in gal. per min. of flowing well: [Rate]

How Tested: [Method]

Length of Test: 2 hrs

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

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

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

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, tissues copy to be retained by driller.

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

File No. DUPLICATE

State of Montana

Administrators of Groundwater Code

State Water Conservation Board

County: Cascade

File No. 135

J. Byrne

Driller's License Number

Driller's Signature

4-14-63
STATE OF MONTANA, ss.
COUNTY OF Cascade.

I, hereby certify that the within document was filed in this office on
APR 18 1968
at 11:45 A.M.

J. L. LENNON
County Clerk and Recorder.

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. Name of Appraiser: (Name of Appropriator)
2. The beneficial use on which the claim is based: household, livestock and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: continuously since it was drilled in 1965
4. The amount of groundwater claimed: (in miner's inches or gallons per minute): seven 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: to water the yard, garden, and trees owned by James Ottendorf, probably one and one-half acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: by pump and natural flow (artesian)
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Exact date isn't known—summer of 1965
8. The depth of water table: 115 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: artesian, depth approximately 115 feet, eight-inch casing, no other information available
10. The estimated amount of groundwater withdrawn each year: 2,020,000
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: information unknown

Signature of Owner:

Date: 10-20-1965

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

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

County of Cascade,

I hereby certify that the within instrument was filed in this office on DEC 30 1965

at 2:34 o'clock P.M.

J. L. Lennion
County Clerk and Recorder.

By [signature]
Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Ernest G. Knobf
Address: Vaughn, Mont.

Driller: Pat Byrne
Address: Great Falls, Mont.

Date of Notice of appropriation of groundwater: 3-3-1967
Date completed: 3-21-1967

Type of well: Drilled
Equipment used: Churn drill

Water use: Domestic

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.

PERFORATIONS

<table>
<thead>
<tr>
<th>Size (Ft)</th>
<th>Static Water Level for non-flowing well</th>
<th>Shut-in Pressure for flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5/8</td>
<td>5 feet</td>
<td></td>
</tr>
</tbody>
</table>

Pumping Water Level: 35 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Bailer
Length of Test: 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, hole was drilled to a depth of 86 ft. Mud and soft sandstone encountered at 86 ft. Gravel packed back 11 ft.)

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).

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, 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

41817
STATE OF MONTANA

COUNTY OF

I hereby certify that the within instrument was signed and filed in this office on

MAY 22, 1987

at 1:20 P.M.

J. L. LEPWON

County Clerk and Recorder.

[Signature]

Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

<table>
<thead>
<tr>
<th>Placement of Casing</th>
<th>Size of Well Drilled</th>
<th>Size and Weight of Casing</th>
<th>Depth</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot; 7&quot; 20#</td>
<td>0 0</td>
<td>29 114</td>
<td>Not perforated</td>
<td>Not perforated</td>
</tr>
<tr>
<td>6-5/8&quot; 5/8&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**

16 feet.

**Shut-in Pressure for Flowing Well**

35 feet per minute.

**Pumping Water Level**

40 gal. per minute.

**Discharge in gal. per min. of flowing well**

2 gal. per min.

**How Tested**

2 Hours.

**Remarks**

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

(Continue on reverse side)

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).

**Details of well**

Driller: Pat Byrne

Date of Notice of appropriation of groundwater: 5-21-1963

Date well started: 6-20-1963

Date completed: 5-21-1963

Type of well: Drilled

Equipment used: Churn drill

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

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

**Remarks**

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, these copies to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
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: L. J. Hogstad
Address: Vaughn, Montana

Date well started: 9-24-1971
Completed: 9-27-1971

Type of well: Drilled
Equipment used: Churn drill
e

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).

<table>
<thead>
<tr>
<th>ESTIMATED ANNUAL WITHDRAWAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Drilled Hole</td>
</tr>
<tr>
<td>6-5/8&quot;</td>
</tr>
</tbody>
</table>

Static water level: 3 ft.
Pumping water level: 30 ft.

Pumped: 60 gallons per minute,
measured for 3 hours after pumping
began.
*Measured from ground level.

Well developed by: Driller
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: [Signature]
Driller's Address:

LICENSE NO: 135

County: Cascade

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

<table>
<thead>
<tr>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (Feet)</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>25</td>
</tr>
<tr>
<td>60</td>
</tr>
</tbody>
</table>

[Diagram showing well location and depth]
STATE OF MONTANA, }ex.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
JUN 2 9 1973

Date
at 12:00 o'clock PM

J. L. LENNON
County Clerk and Recorder

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

Owner: Mary E. Rice
Address: 1609-4th Ave. N
Great Falls, Mont.

Driller: Pat Byrne
Address: Great Falls, Mont.

Date of Notice of appropriation of groundwater: 

Date well started: 

Date completed: 

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4-1/2&quot;</td>
<td>0</td>
<td>85</td>
<td>Not perforated</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Bailer
Length of Test: 1 Hour
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

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. 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
STATE OF MONTANA

County of Cascade.

I hereby certify that the within instrument was filed in this office on

FEB 6 1967

at 10:00 A.M.

J. L. LENNON
County Clerk and Recorder

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. JMS HOLDINGS, INC., of Vaughn, Montana

County of Cascade
State of Montana

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

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

Towship of Vaughn, Montana, 75 homes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: January 25, 1938 - continuous

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

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

small lawns and gardens of 75 homes in Vaughn, Montana

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: January 25, 1938 - second well

October 2, 1959 - second well

8. The depth of water table: first well 112 feet, second well 128 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: first well 6 1/2 inches 0.0 steel casing abandoned or plugged January 17, 1961. Second well, October 2, 1959: 6 1/2 steel casing, 191 pounds per square foot

10. The estimated amount of groundwater withdrawn each year: 7,300,000 gallons

11. The log of formations encountered in the drilling of each well if available: first well - soft clay 90 feet; next 15' quicksand; next 7' gravel, sand, water. Second well - 5 to 10 feet silt; 10 to 15 feet quicksand; 16 to 100 feet silt; 100 to 103 feet quicksand; 103 to 110 feet silt; 110 to 115 feet quicksand; 115 to 125 feet 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: Both wells on land held by predecessor in interest and present appointor. Second well use given under protest to Township of Vaughn, Montana.

Signature of Owner: James C. Hudson
Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropiitor.
STATE OF MONTANA, ss.
County of Cascade.

I, J. L. LENNON, County Clerk and Recorder, do hereby certify that the within instrument was filed in this office on DECEMBER 31, 1963.

J. L. LENNON
County Clerk and Recorder.

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

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

**JMS HOLDINGS, INC.**

(Name of Appropriator)

of Vaughn

(Address)

(Town)

State of Montana

County of Cascade

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

1. **40**

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 3, 1947 and continuous ever since...

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

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:

   - JMS Holdings, Inc.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commencing April 1, 1947, until April 3, 1947...

8. The depth of water table: 130 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: artesian well, 6 5/8 inch steel casing; depth 130 feet...

10. The estimated amount of groundwater withdrawn each year: 1,900,000 gallons...

11. The log of formations encountered in the drilling of each well if available: Believed to have encountered clay, sand, gravel and water...

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: Ownership of land by appropriator and predecessor and interest upon which well is situated - Warranty Deed Book 227, Page 103, Cascade County Courthouse...

Signature of Owner: James C. Nelson

Date December 31, 1963

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

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

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

COUNTY OF Cascade

I hereby certify that the within instrument was filed in this office on

DEC 21 1969

at 1:23 PM

J. L. LINDSAY
Clark and Recorder

By

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. Hilmer R. Trost (Name of Appropriator)
   of Box 255 (Address)
   Brady (Town)
   County of Fonda (City or Township)
   State of Montana (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: Stock water

3. Date or approximate date of earliest beneficial use; and how continuously the use has been: 1959 - daily

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1959

8. The depth of water table: 40 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: 65 ft.

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

11. The log of formations encountered in the drilling of each well if available: through clay into 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: Hilmer R. Trost

   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.
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
Sept 22, 70

Date well completed
Sept 26, 70

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: 100,000 gal.

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

Driller's Signature:
Driller's Address:

LICENSE NO. 25

Show depth at which water is found and height to which water rises in well.

Top of Ground

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>70</td>
<td>80</td>
</tr>
<tr>
<td>90</td>
<td>100</td>
</tr>
</tbody>
</table>

Static water level:

Pumping water level:

Power:

Remarks:

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.
STATE OF MONTANA, |  
County of Cascade. |  
I, __________________, a person residing in the County of Cascade, Montana, |  
being duly sworn, do hereby certify that this will is in my handwriting, and that I am the person who executed it on |  
Saturday, AUG 20, 1871. |  
  
[Signature]
  
Notary Public
  
[Seal]
  
[Notary Public]
  
[Seal]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

1. Vaughn Cooperative Association of Vaughn
   (Name of Appropriator) (Address) (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Seventy-Five Homes.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: January 25, 1938, Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 90 Gallons per minute over top.

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: Small lawns and gardens for the Seventy-Five homes.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: January 25, 1938. First well 112 feet, second well 128 feet, October 3, 1959.

8. The depth of water table: First well 112 feet, second well 128 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: First well: 65/8 O. D. steel casing, abandoned or plugged. January 27, 1961. Second well: October 3, 1959. 65/8 O. D. steel casing, 1910. per sq. foot.

10. The estimated amount of groundwater withdrawn each year: 7,300,000.

11. The log of formations encountered in the drilling of each well if available: First well: soft clay, first 50 feet, next 15 feet quicksand, next 7 feet gravel, sand, water. Second well, five to 10 feet silt, 10 to 16 feet quick sand, 16 to 100 feet silt, 100 to 103 feet quicksand, 103 to 110 feet silt, 110 to 125 feet quicksand, 115 to 126 feet gravel with water.

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, Research of Water System Book 59 of Dead, page 393, County Courthouse.

Signature of Owner:

Date: 12-23-1963.

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.
STATE OF MONTANA.

County of Cascade.

I hereby certify that the within instrument was filed in this office on

[Signature]

Date

at 10:47 o'clock A.M.

J. L. LENNON

County Clerk and Recorder.

By [Signature]

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

Owner: Bill Clark  
Address: Vaughn

Driller: P. J. Byrne  
Address: Great Falls, Mont.

Date of Notice of Appropriation of Groundwater: Apr. 27, 1963
Date Well Started: Apr. 27, 1963  
Date Completed: Apr. 29, 1963

Type of Well: Drilled  
Equipment Used: Churn drill
(dug, driven, bored or churned)

Water Use: Domestic  
Municipal  
Other  
Irrigation  
Industrial  
Drainage  
Stock

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>7/8 OD</td>
<td>Top 114</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>17½ seamless</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 2 ft. below surface.
Shut-in Pressure for Flowing Well:...

Pumping Water Level: 70 gal. per minute.
Discharge in gal. per min. of flowing well:...

How Tested: Bailer  
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 similar pertinent information, including number of acres irrigated, if used for irrigation). ...

Driller's License Number: 135
Driller's Signature: [signature]

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.

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, ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

MAY 13 1963

at 2:20 o'clock p.m.

J. L. LENNON
County Clerk and Recorder.

By: ____________________
   Deputy.
Notice of Appropriation of Groundwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. Bill Clark of Bly 121, Vaughn
   (Name of Appropriator) (Address) (Town)
   County of Cascade, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Household stock
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed

4. The annual period (inclusive dates) of intended use
   ENTIRE YEAR

5. The probable or intended date of first beneficial use
   APRIL 17

6. The probable or intended date of commencement and completion of the well or wells
   APRIL 30

7. The location, type, size and depth of well or wells contemplated
   110 feet

8. The probable or estimated depth of the water table or artesian aquifer

9. Name, address and license number of the driller engaged
   Patrick Byrne
   2112 - 7th Ave. S. Helena, Mont. License No. 35

10. Give such other similar information as may be useful

   Locate well or other means of development as accurately as possible on the plat.

   Signature of Appropriator
   Bill Clark
   Date: May 13, 1963

* As defined in the Code Sec. 1 (e) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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, By
County of Cascade, I hereby certify that the within instrument was filed in this office on MAY 13 1969

Date
at 2:25 o'clock AM

J. L. LENNON
County Clerk and Recorder.

Deputy
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.

Robert W. and/for Virginia E. Dean
Owner
Address
25 Prospect Dr.
Great Falls, Montana

Date well started: 8-4-1972
completed: 8-31-1972

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 Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot; 7&quot; 17</td>
<td></td>
<td>0</td>
<td>83</td>
<td>Not perforated</td>
</tr>
</tbody>
</table>

Static water level: 15 ft.
Pumping water level: 50 ft.
at 1000 gallons per minute, measured 15 minutes after pumping began.

*Measured from ground level. Well developed by Miller for 2 hours.
Power: Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature

Driller's Address
1711 24th Ave. S.

LICENSE NO. 135

Show exact depth of bottom

88
STATE OF MONTANA,  
County of Cascade.

I hereby certify that the within instrument was filed in this office on 
AUG 30 1972 

at 3:25 o'clock P.M.

J. L. LENNON  
County Clerk and 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. NAME OF APPROPRIATOR: Leon E. Hansen
ADDRESS: 312 Vaughn St.
TOWN: Vaughn
COUNTY: Cascade
STATE: Montana

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

2. The beneficial use on which the claim is based: household, farm livestock, irrigation

3. Date or approximate date of earliest beneficial use: August 1971

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 0.5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 10 acres; Leon E. Hansen

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1 inch electric pump, flow from 10 inch pipe, farm livestock

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 1971

8. The depth of water table: (125 ft.) One hundred twenty-five feet

9. So far as it may be available, the type, size, and depth of each well or any other works used for the withdrawal of groundwater: 1 inch electric pump, flow from 10 inch pipe, farm livestock, one hundred twenty-five feet

10. The estimated amount of groundwater withdrawn each year: 17,402 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: Leon E. Hansen
Date: Dec. 16, 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 Appropriate.
STATE OF MONTANA, ss.
County of Cascade.
I hereby certify that the within instrument was filed in this office on
DEC 26, 1969
in the
at 4:00 o'clock P.M.
J. L. LENNON
County Clerk and 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)

STATE ENGINEER

[Name of Appropriator] of Box 26, Town, State of Montana

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

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

- The beneficial use on which the claim is based: Domestic and livestock

- Date or approximate date of earliest beneficial use; and how continuous the use has been: 1/2/1912 - Continuous

- The amount of groundwater claimed (in miner’s inches or gallons per minute): 500 gallons per minute

- 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 - Town and garden

- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Sec. 26, T. 22N, R. 16E

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1926

- The depth of water table: unknown

- 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: 20 ft. deep - deep-well type

- The estimated amount of groundwater withdrawn each year: 240,000,000 gallons (approx.)

- The log of formations encountered in the drilling of each well if available: Unknown due to loss of time since drilling.

- 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: Unknown

Signature of Owner: 

Date: December 14, 1963

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

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

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

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

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**Owner:**
Lester R. and/or Karen J. Rodger
Owner's Address:
123 Main St., Cascade, Montana

**Date well started:**
11-7-1970
**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.

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Pitted Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Kind of Water</th>
<th>Net perforated</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>8&quot; 32&quot;</td>
<td>0</td>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7&quot;</td>
<td>7&quot; 17&quot;</td>
<td>0</td>
<td>91</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforations:**

Static water level: 1" Above...
Pumping water level: 6" above...

at 30 gallons per minute: measured minutes after pumping began.

*Measured from ground level.

Well developed by: 43.9 HP for 42 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:
Lester R. Rodger
Driller's Address:
123 Main St., Cascade, Montana

LICENSE NO: 335
STATE OF MONTANA, ss.

County of Cascade.

I hereby certify that the within instrument was filed in this office on:

DEC 29 1870

at 4:15 o'clock P M

J. L. LENNON

County Clerk and Recorder.

By: [Signature]

Deputy.
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: Karen J. Rodor
Address: Box 5233, Missoula, Montana

Date well started: 1-2-1970
Date well completed: 6-23-1970

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 of other data (i.e. Lot, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Pipe (in)</th>
<th>Size and Weight of Casing</th>
<th>Feet per minute</th>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>7 x 17</td>
<td>50</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>6 x 17</td>
<td>40</td>
<td>0</td>
</tr>
</tbody>
</table>

Perforations

<table>
<thead>
<tr>
<th>Kind of Torch</th>
<th>Feet</th>
<th>Top (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>40</td>
<td>3</td>
</tr>
<tr>
<td>43</td>
<td>43</td>
<td>3</td>
</tr>
</tbody>
</table>

Static water level: 20 ft.
Pumping water level: 25 ft.

Power: Pump 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: [Signature]
Driller’s Address: [Address]

LICENSE NO. 135

PUMPED WATER LEVEL: Show exact depth of bottom.
STATE OF MONTANA
County of Cascade.

I hereby certify that the within instrument was filed in the office of
JUL 7 1970

J. L. LIKINS
County Clerk and Recorder

By: [Signature]
Deputy.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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.

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(feet, above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Owner

Address

Number of wells completed

Date well started

Date well completed

Type of well: Bored

Equipment used: Dugwell

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

Industrial [ ] Discharge [ ] Other [ ] Garden/Lawn [ ]

Describe

*Use if used for irrigation, industrial, drainage or other. Explain, e.g. number of acres and location or other data (e.g. lot, block and addition).

Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Wells</th>
<th>Total gallons per day</th>
</tr>
</thead>
<tbody>
<tr>
<td>28000</td>
<td>252000</td>
</tr>
</tbody>
</table>

Well Development

Static water level: ______ ft.

Pumping water level: ______ ft.

Power: ______ HP

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

License No.: 888

Licensees Authority: Fire Protection, Irrigation

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)

Fredrick J. Rushton

1. OR: Stella J. Rushten
(Name of Appropriator)
of: Box 62
(Address)
State of: Montana
(Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944...continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute).30.0 g.l

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 Approx. one week before Jan 1, 1944

8. The depth of water table 126 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 deep well pump, five 5 inches depth 130

10. The estimated amount of groundwater withdrawn each year Million g.l

11. The log of formations encountered in the drilling of each well if available. We think this information is on file in Helena but we are not sure.

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 we have no other information

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.
STATE OF MONTANA,

County of Cascade.

I hereby certify that the within instrument was filed in this office at

DEC. 7, 1963,

at

11:45 o'clock A.M.

J. L. LENNON

County Clerk and Recorder.

By

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. J. Edgar Humphrey, of Vaughn, Cascade County, Mont., and in the State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26</td>
</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1900 - Continuous.

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

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

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

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

8. The depth of water table: Artesian - Surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 110 ft., 54.

10. The estimated amount of groundwater withdrawn each year: 13,000 gal.

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

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

Signature of Owner: J. Edgar Humphrey.
Date: 1月31日 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, } ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

DEC 31 1950

at 1:15 o'clock M.

J. L. LERNON
County Clerk and Recorder.

By_________________________ Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well

Developed After January 1, 1962

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

Owner: Vaughn Water Coop. Address: Vaughn, Mont.

Driller: Pat Byrne Address: Great Falls, Mont.

Date of Notice of appropriation of groundwater

April 18, 1968 Date completed April 22, 1968

Type of well: Drilled Equipment used: churn drill

(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-5/8&quot;</td>
<td>6-5/8&quot;</td>
<td>0</td>
<td>27</td>
<td>Not</td>
</tr>
<tr>
<td>6-5/8&quot;</td>
<td>7&quot;OD 24#</td>
<td>5</td>
<td>129-6</td>
<td>Not</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

Pitless adapter was set 4 feet below O.s. Holes were cemented between 7 and 8" casings.

(Continue on reverse side)

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).

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, times copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
County of Cascade

I hereby certify that the within instrument was filed in this office on

JUL 5 1968

at 3:15 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By: P. E. Baltes
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. Elton B. Campbell, of 500 10th Street North, Great Falls
   (Name of Appropriate) (Address) (Town)

County of Cascade, 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, lawn, garden, and feedlot use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1939 continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 24 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. 2 R.P. electric, pump. Well located between house and feedlot.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1939.

8. The depth of water table: approx. 81 ft. (almost free flowing).

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 wells, 4" pipe, 126' deep.

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

Signature of Owner: Elton B. Campbell
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.
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, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Rocky Mountain Investors, Inc., Great Falls, Mont.
Driller: Pat Byrne, Address: Great Falls, Mont.

Date of Notice of appropriation of groundwater:
Date well started: Jan. 16, 1970, Date completed: Mar. 19, 1970

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

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, gravel, sand or rock, 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 Well</th>
<th>Size and Weight of Drilling Equipment</th>
<th>From Bottom (Feet)</th>
<th>To Bottom (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 ft. 20 ft.</td>
<td></td>
<td>0</td>
<td>153</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 50 feet.
Shut-in Pressure for Flowing Well: 60 psi.
Pumping Water Level: 65 feet at 60 gal. per minute.
Discharge in gal. per min of flowing well.

How Tested: Drill
Length of Test: One hour
Remarks: (Gravel packing, cementing, packers, type of shutoff).

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

NE 1/4 SE 1/4 Sec 27 T.23N R.29E

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, tissues 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
STATE OF MONTANA, |.n.
County of Cascade.

I, hereby certify that the within instrument was filed in this office Mar 3 1, 1970.

12:15 o'clock P.

J. L. LENNON
County Clerk and Recorder

MON. FOREST RESOURCES BOARD
RECEIVED

APR 6 1970
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.

**Vaughn T-Bone Feeders Inc.**
Owner

Address: Vaughn, Montana

Date well started: 6-5-1972
Date well completed: 6-7-1972

Type of well: Drilled

Equipment used: Charn 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).

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

Driller’s Signature:

Driller’s Address: 2112-7th Ave. South

---

<table>
<thead>
<tr>
<th>Top of Ground (Feet above sea level)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 30 Sandy soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 55 Brown soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>55 135 Gray soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>135 165 Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>165 150 (Gravel)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

*Measured from ground level. Well developed by *Drailler* for 5 hours.

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

---

Static water level: 43 ft.*
Pumping water level: 75 ft.*

at 80 gallons per minute measured minutes after pumping began.

---

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STATE OF MONTANA
County of Cascade.

I hereby certify that the within instrument was filed in this office on
JUN 29 1973

1:30 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

Deputy
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** John A. Albright  
**Address:** Vaughn, Montana

**Driller:** Pat Byrne  
**Address:** St. Falls, Montana

**Date of Notice of appropriation of groundwater:**

**Date well started:** 7-18-1969  
**Date completed:** 7-19-1969

**Type of well:** Drilled  
**Equipment used:** churn drill

**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.

### PERFORATIONS

<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>Kind of Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-5/8&quot;</td>
<td>6-5/8&quot;</td>
<td>0</td>
<td>94</td>
<td>Not perforated</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 10 feet.

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:** 30 feet

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

**How Tested:** Bailier

**Length of Test:** 1 hour

**Remarks:** Gravel packing, cementing, pack-

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

### USE

*Domestic use, three-bedroom house and irrigation of a garden plot. Land surrounded by eighty-five hundreds of an acre.*

---

Driller’s License Number

Driller’s Signature

[Signature]

[Date: 6/30/69]
STATE OF MONTANA,
County of

I hereby certify that the within instrument was filed in this office on
APR 7, 1970

at 3:00 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

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

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

William and/or Martha Buergle Jr., Vaughn, Mont.

Owner: Glenda J. Byrne, Great Falls, Mont.

Date of Notice of Appropriation of Groundwater

Date well started: 1-1-1965, Date Completed: 4-30-1965

Type of well: Drilled, Equipment Used: Churn drill

Water Use: Domestic [ ], Municipal [ ], Other [ ], 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.7</td>
<td>7'</td>
<td>17'</td>
<td>0</td>
<td>95'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 8' below Gravel...feet.

Shut-in Pressure for Flowing Well...

Pumping Water Level: 70' feet at 40 gal. per minute.

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

How Tested: Bailer, Length of Test: 4 hrs.

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

 Hole is packed with gravel from 6' to 95'...

[Diagram showing井 location, water levels, and strata]

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.