File No. 401
Frank J. Humphrey

S/E/SX Sec. 11-14-12

State of Montana
County of Judith Basin

Filed this 27th day of December A. D. 1962 at 10:30 o'clock A.M.

[Signature]
County Clerk

Fee $2.00 Paid.
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... 1920

Frank J. &
Owner: Kathryn A. Humphrey. Address: Missoula, Montana.

Contractor (if any) Unknown

Address of Contractor

Date Started... 1920. Date Completed... 1920

Describe method of obtaining groundwater without a well "as by sub-irrigation" and other natural processes". Include depth of water when applicable. Dig down about 12 feet and 6 feet square and is cemented.

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... 15 gallons per minute.

Signature of Owner

Date: December 27, 1961

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; quadruplicate for the Appropriator.
Frank J. Humphrey
SWING: Sec. 16-14-12

State of Montana
County of Judith Basin

Filed this 17th day of December A. D. 1947 at 10:30 o'clock A.M.

County Clerk.

For $2,00 Paid.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank Jr. & Elizabeth Humphrey, of, Wilsall, Address.
    Name of Approprior
    County of Judith Basin, State of Montana

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

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

2. The beneficial use on which the claim is based. Stockwater & garden irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. February 1962

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 to 60 gallon 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. Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. February 1962

8. The depth of water table. 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 130 feet deep 5½ inch steel casing.

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 The estimated amount of groundwater withdrawn each year.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

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

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: Frank Humphrey
Date: December 27, 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 Approprior.
File No. 399
Frank J. Humphrey
SW1/NE4 Sec. 14-14-12

State of Montana
County of Judith Basin
Filed this 27th day of
December A. D. 1963 at
10:20 A.M.

[Signature]
County Clerk

Fee $2.00 Paid
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **P. L. Petrovich**
   
   (Name of Appropriator) of 
   
   (Address) in the Town of 
   
   of **Judith Basin**, **Montana**

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

   ![Grid Diagram]

2. The beneficial use on which the claim is based

   **Stockwater**

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

   **1920 - Not in use the year around**

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

   **4 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.

   **No irrigation**

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

   **Hand pump installed**

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

   **Started in 1920 and completed that year.**

8. The depth of water table

   **20 ft.**

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

   **Drilled well - 90 ft. in depth with 6" casing installed.**

10. The estimated amount of groundwater withdrawn each year

    **Not known.**

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

    **None available.**

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

    **None.**

---

Signature of Owner: ___________________________

Date: ________________

---

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.
122014

Washed or Groundwater Rights

P. J. PETROVICH

FILED Oct. 11-11-32

State of Montana
County of Judith Basin
Filed for record this 11th day of Dec., A.D., 1932, at 4:00 o'clock P.M.

Delight Leslie, Clerk & Rec.

By

File No. 32-525
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

Owner

P. L. Metrovič
Address Windham

Contractor (if any) None

Address of Contractor

Date Started 1926 Date Completed 1926

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

2 Springs dug to a depth of 6 ft.
Concrete boxes installed in each spring
and flows over the top.

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

Each spring flows about 6 gallons per
minute.

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

Signature of Owner P. L. Metrovič
Date Dec. 16th, 1963

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

Owner: Frank J. Humphrey Address: Stanford, Montana

Driller: Continental Coal Co. Address: Wyoming

Date of Notice of Appropriation of Groundwater: June 30, 1973

Date well started: Apr. 11, 1973 Date Completed: Apr. 11, 1973

Type of well: Drilled Equipment Used: Rotary

(dug, driven, bored or drilled)

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>Strata Met</th>
<th>Depth (Feet)</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>10</td>
<td>60</td>
</tr>
<tr>
<td>Clay</td>
<td>75</td>
<td>20</td>
</tr>
<tr>
<td>Shale</td>
<td>100</td>
<td>10</td>
</tr>
<tr>
<td>Gravel</td>
<td>150</td>
<td>30</td>
</tr>
<tr>
<td>Rock</td>
<td>200</td>
<td>50</td>
</tr>
</tbody>
</table>

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

Static Water Level for non-flowing Well: 62'

Shut-in Pressure for flowing well: 15'

Pumping Water Level: 18' feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well: 1200 gpm

How Tested: Pressure test Length of Test: 12 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)

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 Approprietor.

Owner's Signature
MADEN, FRANK J.
WATER APPROPRIATION

Said Sec. 15-114-12

COUNTY OF ULSTER
Ulster County of Fourth District

Filed for record this 29th
Day of June A.D. 1973 at
9:45 p.m.

Delbert Leitha Co.Ct

Myra L. Beck
Registrar
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank J. & Kathryn A. Humphrey of Windham (Name of Appropiratee)
   (Address) (Town)

County of Judith Basin 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. Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920

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 land 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. electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920

8. The depth of water table 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 30 feet deep - cased with 3 inch steel culvert

10. The estimated amount of groundwater withdrawn each year unknown

11. The log of formations encountered in the drilling of such well if available none

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

Signature of Owner

Date December 27, 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.
File No. 400
Frank J. Humphrey
SE/NE 4 Sec. 15-14-12

State of Montana
County of Judith Basin
Filed this 27th day of
December A.D. 1963 at
10:25 o'clock A.M.

Delbert Cline
County Clerk

Fee $2.00 Paid
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

Janis Valley Bosman, Wayne Valley, Dorothy Valley,
1. John Valley, Lois Valley Wilda dna Valley; Ranch

(Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1920 and each year since.

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.

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. 1920

8. The depth of water table. 15 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. 30 ft. hand-dug bricked down about 15 feet to the natural rock formation in the ground.

10. The estimated amount of groundwater withdrawn each year. 36,500 gallons

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

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. N/A

KELLEY RANCH
By Signature of Owner:
Date 12-27-1963

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.
File No. 454

Janis Welley Rasmussen
et al.

NE 1/4 NE 1/4 Sec. 15-14-12

State of Montana
County of Judith Basin

Filed this 30th day of
December, A.D. 1950, P.M.

[Signature]
County Clerk

Fee $2.00 Paid.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Hughes Livestock Company Inc., of Stanford, 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—Household.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: September 6, 1912, with continuous use.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Sec. 19, T. 14 N., R. 12 W., owned by claimant.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump on 6 inch pipe in Section 19, T. 14 N., R. 12 W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced August 5, 1912, completed September 5, 1912.

8. The depth of water table: 55 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 inch pipe in 55 foot hole, water drawn by electric motor at well head.

10. The estimated amount of groundwater withdrawn each year: 20,000 to 25,000 gallons.

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

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: Old well dug and later drilled, in August 1912.

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

Date of Appropriation of Groundwater: 1930
Owner: P. L. Matroich Address: Windham
Contractor (if any): None
Address of Contractor:
Date Started: 1930 Date Completed: 1930
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.  

- Description of means: 
- Illustration of means: 

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:

- Description of method: 
- Illustration of method:

Signature of Owner: Date: Dec. 16th, 1963

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 work is located.

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

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

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

1. P. L. Matyovich (Name of Appropriator)
   of Windham (Address)
   County of Judith Basin (Town)
   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
   Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920
   Not in use the year around

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   4 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
   No irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Started in 1920 and completed that year

8. The depth of water table
   30 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
   Well 77 ft in Depth
   Drilled Well
   with 4" inch casing

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

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

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

Signature of Owner

Date: Dec. 16th, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

32588
73-32015
THE GRANT WATER RIGHTS
P. L. 44494
5500 Sec. 23-1b-12

122015
State of Montana
County of Judith Basin
Filed for record this 10th day of Dec., A.D., 1963 at 1:10 o'clock P.M.
Notary Public

by ________________ Dep.
Not 22.00 p.m.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Frank J. & Kathryn A. Humphrey**, of **Windham** (Name of Appropriator) (Address) (Town)

   County of **Judith Basin** 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: **Stockwater**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1932**

   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: **None**

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1932**

   8. The depth of water table: **15 feet from top of ground**

   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: **20 feet deep cased with 6 inch steel casing**

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

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

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

   **Signature of Owner**

   **Date**: December 27, 1963

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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.
File No. 398
Frank J. Humphrey
SEC/W/NE Sec. 23-14-12

State of Montana
County of Judith Basin

Filed this 27th day of December A.D. 1963 at 10:15 o'clock A.M.

Fee $2.00 Paid.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. E. H. Bodley
   (Name of Appropriator)
   (Address)
   (Town)
   County of X
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based _____________________________

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

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

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

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

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

   8. The depth of water table _____________________________

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

   10. The estimated amount of groundwater withdrawn each year _____________________________

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

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

Signature of Owner _____________________________
Date _____________________________

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
E. H. Bodley

Vested Groundwater Rights

Filed for record this 20th
day of Nov., A.D., 1962 at 1:00
P.M.

Delight Leslie, Clk. & Rec.

Fee $2.00 pd.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1925

Owner: F. L. Metzovich
Address: Windham

Contractor (if any): None
Address of Contractor: 

Date Started: 1925
Date Completed: 1925

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

Dug down about 1 ft. androcked up and flows over the top of spring. Water piped into a tank.

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.

Flowing Spring with 2 gallons per minute.

Signature of Owner: F. L. Metzovich
Date: Dec. 16th, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
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: 1910

Owner: Hughes Livestock Co., Address: S. Anford, Montana

Contractor (if any): W.E. Parrine
Address of Contractor: Loxistone, Montana

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.

Livestock: the year around. Also used for Irrigation
320,000 gallons a year.

Signature of Owner:

Date: December 30, 1965

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Hughes Livestock Co., Inc.
Sec. 30-14-12

State of Montana
County of Judith Basin
Filed this 1st day of
December 4, 1963 at
1:50 o'clock P.M.

[Signature]
County Clerk.

Fee $2.00 paid.
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: 1908
Owner: Hughes Livestock Co. Address: Stanford, Montana
Contractor (if any): unknown
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. Natural flow from springs. Varies during the years according to the rain fall and snow

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. Used continuously for livestock, about ten months out of the year.

Estimate 80 gallons per minute.

Signature of Owner:
Hughes Livestock Co., Inc.

Date: December 30, 1965

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
State of Montana
County of Judith Basin
Filed this 1st day of December 2, 1965 at 12:15 p.m.

County Clerk

Fees $2.00 Paid.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

STATE ENGINEER  

1. Raymond K. Swann  of  
(Name of Appropriator)  (Address)  (Town)  
County of  Judith Basin  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:  Start water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  Continuously since 1896

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

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

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

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 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:  Dec. 31, 1963

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

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

Original to County Clerk and Recorder; Duplicate to State Engineer; Triplicate to Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
File No. 567

Raymond L. Swann

Sec. 34-14-12

State of Montana
County of Judith Basin

Filed this 31st day of
December A. D. 1965 at
3:09 o'clock P.M.

[Signature]
County Clerk.
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: 1966
Charles A. and Eileen R. Waite
Owner: Address: Utica, Montana

Contractor (if any): None
Address of Contractor: None

Date Started: None
Date Completed: None

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

- Flowing Spring
- No pipe in Spring - Natural flow

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.

- 10 gallons per minute and used for
  - stock water throughout every day of the year.

Signature of Owner: Charles A. Waite
Date: Jan. 28th, 1962

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Walker Sarah Ethel</td>
<td>SW-1</td>
<td>215</td>
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<tr>
<td>11</td>
<td>Campbell El.</td>
<td>SW-1</td>
<td>12776</td>
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<td>14</td>
<td>Semmons J.R.</td>
<td>-</td>
<td>314</td>
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<td>16</td>
<td>Whitney Kathy D.</td>
<td>-</td>
<td>122-013</td>
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<tr>
<td>16</td>
<td>Women's Christian Club</td>
<td>-</td>
<td>-</td>
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<tr>
<td>16</td>
<td>Walker Church B.V.</td>
<td>SW-1</td>
<td>118-021</td>
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</tr>
<tr>
<td>16</td>
<td>Rickman Thos.</td>
<td>-</td>
<td>324</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Walker Sarah Ethel</td>
<td>-</td>
<td>218</td>
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<tr>
<td>19</td>
<td>Neeting Lydia</td>
<td>-</td>
<td>-</td>
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<td>21</td>
<td>Walker Frs. and Thos.</td>
<td>SW-1</td>
<td>126-022</td>
<td></td>
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<td>22</td>
<td>McCollum M.</td>
<td>-</td>
<td>118-026</td>
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<td>24</td>
<td>French Mike</td>
<td>SW-1</td>
<td>205</td>
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<td>25</td>
<td>Neeting Ethel</td>
<td>-</td>
<td>10-0032</td>
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<td>26</td>
<td>French Mrs.</td>
<td>-</td>
<td>520</td>
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<tr>
<td>27</td>
<td>Neeting Ethel</td>
<td>-</td>
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</tr>
<tr>
<td>30</td>
<td>Neeting Ethel</td>
<td>SW-1</td>
<td>156</td>
<td></td>
</tr>
</tbody>
</table>
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Sarah Walker et al.**
   - **Name of Appropriator:**
   - **Address:**
   - **Town:**

   **County of:** Judith Basin  
   **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: **Stockwater**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1963**

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

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

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

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

8. The depth of water table: **37 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: **50 feet drilled well-cased with 6 inch steel casing**

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

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:**  
**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.
File No. 418

Sec. 14, T. 14 N., R. 13 E.

Sarah Walker et al.

State of Montana
County of Judith Basin

Filed this 27th day of December A.D. 1963 at 2:40 o'clock P.M.

[Signature]
County Clerk.

Fee $2.00 paid.
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: __________________________ Address: __________________________

Driller: __________________________ Address: __________________________

Date of Notice of appropriation of groundwater: __________ Date started: __________ Date completed: __________

Type of well: __________________________ Equipment used:
(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>Depth of Drilled Hole</th>
<th>Depth of Weight of Casing</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 for non-flowing well __________ feet.

Shut-in Pressure for Flowing Well __________ psi.

Pumping Water Level __________ feet.

Discharge in gal. per minute __________.

How Tested: __________________________

Length of Test __________

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, Engr. in state number of acres and location or other data (i.e.: Lot, Block and Addition).

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, tissue copy to be retained by driller.

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

File No. __________________________

County: __________________________
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: Campbell
Address: 

Owner: Nason
Address: 

Date of Notice of appropriation of groundwater: 1-12-68
Date completed: 1-12-68

Date well started: 1-12-68
Date completed: 1-12-68

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Strata (Feet)</th>
<th>Size of Water Beari ng Strata (Feet)</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>2</td>
<td>31</td>
<td>3</td>
<td></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 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).

FILL IN AND SIGN ON REVERSE SIDE

Driller's License Number
Driller's Signature

44,605
State of Montana
County of Judith Basin
Filed for record this 25th
day of September 1966 a. m.
at 3:50 P. M. o'clock.
Delight Leslie, County Clerk
[Signature]
Desc.

Fee: $2.00 paid
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

File No. ........................................
T. ........................ R. ..............
County. ......................................

1. Name of Appr. ...........................
   of ........................................
County of ..................................
State of ..................................

t\haft

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.  
   {measured by I acre.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
   {measured by I acre.

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

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

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

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

8. The depth of water table ........................................

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

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

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

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

Signature of Owner ..........................
Date ........................................

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF JUDITH BASIN
Filed for record this 31st day of Dec., A.D. 1963 at 11:45 o'clock A.M.
Delight Leslie, Clerk and Rec.
by

E. H. SENSTROM
Sec. 11-14-13

WESTED GROUNDWATER RIGHTS
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA

COUNTY OF

DECLARATION OF VESTED GROUNDWATER RIGHTS

(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961)

NAME OF APPROPRIATOR

ADDRESS

TOWN

COUNTY

STATE

I, J. R. Sammons and Carrie B. Sammons, of

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

1. The beneficial use to which the claim is based.

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

3. The date or approximate date of earliest beneficial use.

4. The depth of water table.

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

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 estimated amount of groundwater withdrawn each year.

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

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

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

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.

SIGNED THIS ___ day of ______, 1965.

J. R. Sammons

CARRIE B. SAMMONS

DECLARATION OF VESTED GROUNDWATER RIGHTS
State of Montana
County of Judith Basin
Filed this 1st day of
December A. D. 1965 at
3:30 o'clock P.M.

Deputy Clerk,
County Clerk.

Fee $2.00 Paid.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Darcy D. Waita 
   (Name of Appropriator) 
   of Utopia Route, Hobson, Montana 
   (Address) 
   (Town) 
   County of Judith Basin 
   State of Montana 

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

   2. The beneficial use on which the claim is based: 
      house and livestock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
      continuous use since 1950

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 
      50 gallon 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: 
      5 acres in SW1/4 Sec. 16, T. 14 N., R. 13 W.

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

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

   8. The depth of water table: 
      20 feet

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

   10. The estimated amount of groundwater withdrawn each year: 
      200,000 gallon

   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: Dec. 23, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
VEGETAL OILS: WATTS
DANNY D. WATTS

SHEA. Sec. 15-34-13

122098

STATE OF IOWA

COUNTY OF JUHITI BATIN

Filed for record this 23rd day of Dec., A.D. 1963
at 1:00 a.m. clock P.M.

Delight Leslie, Clerk & Rec.

W. B. Hodges, Dep.

Fee $2.00 pd.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner: Utica Women's Club</th>
<th>Address: Utica, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: O. C. Thatcher</td>
<td>Address: Stanford, Montana</td>
</tr>
</tbody>
</table>

Date Started: Feb. 10, 1959  Date Completed: March 7, 1959

Type of well: Drilled  Equipment used: Rotary

[Check boxes for Water use: Domestic, Municipal, Stock, Irrigation, Industrial, Drainage, Other]

Casing: 2" ft. to ft.  Type: Galvanized  Size: 2"

Casing: ft. to ft.  Type:  Size: 

Casing: ft. to ft.  Type:  Size: 

Perforated or Screened: Ft. to Ft.  Ft. to Ft.  Type of screen or perforations: 

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: 60 lb./sq. in. on: March 7, 1960 (date)

Pumping water level: Flowing well feet at 15 gal. per min.

How tested: 

Length of test: 

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Log on reverse side

(over)
### Log of Well

<table>
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<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
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<td>To</td>
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<tr>
<td>489</td>
<td>515</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Charles A. Waite & Elieen H. Waite, of Uteca
   (Name of Appropiator) (Address) (Town)
   County of Judith Basin 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 ..............
   Dug well used for domestic and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since that time.
   1889 and used continuously

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 land to which water has been applied and name of the owner thereof.
   3x used to irrigate a garden square feet
   Descriptive description as well

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Well dug and completed in 1889

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   well in 30 feet in depth and usually has around 10 feet of water

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

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

Signature of Owner Charles A. Waite
For Charles A. and Eileen Waite
Date Jan. 1st, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropiator.
Doc. No. 118859

DECLARATION OF VESTED GROUND-WATER RIGHTS

CHARLES A. AND KILEEN H. WATKIN

Sec. 16-24-13

STATE OF MONTANA ) ss.
County of Judith Basin )

Filed this 31st day of January
A.D. 1962 at 10:00 o'clock A.M.

County Clerk.

Fee $2.00 Paid.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

1. James Poorman, of Helena, Mont.

County of
State of

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

2. The beneficial use on which the water for the house is based.

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner.

Date.

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Janis Rosman
5V 56, Sec. 16-14-13

State of Montana
County of Judith Basin
Filed this 31st day
of December A. D. 1963
at 2:47 o'clock P.M.

Delight Lott
County Clerk

Fee $2.00 Paid.
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

Sarah Walker et al

(Name of Appropriator)

of Windham, Montana

(Address) (Town)

County of Judith Basin

State of Montana

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

1. The beneficial use on which the claim is based: Domestic or household.

2. The date or approximate date of earliest beneficial use: 1990

3. The amount of groundwater claimed: 15 gallons per minute.

4. The means of withdrawing such water from the ground: Electric pumps.

5. The date of commencement and completion of the construction of the well, or other works for withdrawal of groundwater: 1990

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

7. The log of formations encountered in the drilling of each well: none

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

9. 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: December 27, 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.
File No. 419

Sarah Walker et. Al.
NW 3 3 4 Sec. 17-14-13

State of Montana
County of Judith Basin

Filed this 27th day of
December A. D. 1965 at
2:45 o'clock P.M.

[Signature]
County Clerk.

Fee $2.00 Paid.
**WATER WELL LOG**

Owner: Lydia Kesting  |  Address: Utica
Driller: O. G. Thatcher  |  Address: 
Date Started: Feb. 1959  |  Date Completed: Feb. 1959

**Location:** Sec. 19  |  T. 14  |  R. 13  |  1/4 sec.  |  SE SE

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Water: [ ] Domestic  |  [x] Municipal  |  [ ] Stock  |  [ ] Irrigation
- Industrial  |  [ ] Drainage  |  [ ] Other

- Casing: 0 ft. to 147 ft. |
- Type: [ ] galvanized |  Size: [ ] 2"

- Perforated or Screened: 0 ft. to 147 ft. |
- Type: [ ]  Size: [ ]

- Static Water level, for non-flowing well: feet.
- Shut-in pressure, for flowing well: 18 lb./sq. in. on: (date)
- Pumping water level: feet at: gal. per min.
- How tested:
- Length of test:

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

**Cemented around the pipe. Shut off about 1 ft. Down**

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 5</td>
<td>Overburden</td>
</tr>
<tr>
<td>5 to 26</td>
<td>Broken Sandstone</td>
</tr>
<tr>
<td>26 to 55</td>
<td>Hard Sandstone and limestone</td>
</tr>
<tr>
<td>55 to 60</td>
<td>Limestone, very hard</td>
</tr>
<tr>
<td>60 to 69</td>
<td>Sandstone</td>
</tr>
<tr>
<td>69 to 72</td>
<td>Sandstone and limestone</td>
</tr>
<tr>
<td>72 to 97</td>
<td>Sandstone and shale alternating, Hit red shale at 92'</td>
</tr>
<tr>
<td>97 to 135</td>
<td>Red shale alternating with hard sandstone</td>
</tr>
<tr>
<td>125 to 135</td>
<td>Hard sandstone</td>
</tr>
<tr>
<td>135 to 143</td>
<td>Soft sandstone</td>
</tr>
</tbody>
</table>

Well produced approximately 100 gallons of water per minute.
Cased with 2\(^{\circ}\) galvanized pipe. Caseded with 6\(^{\circ}\) necks of cement.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Date well started: 2/16/66       Date Completed: 3/9/66

Date of Notice of Appropriation of Groundwater: March 9th, 1966

Officer: State of Montana, Administrative Code

Owner: Dale C. Walker
Address: Utica, Montana

Driller: K. Klatt
Address: Helena, Montana

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

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

Date of Notice of Appropriation of Groundwater: March 9th, 1966

Address: Walter J. S. Shale, gray shale, red and gray sand.

Date of Notice of Appropriation of Groundwater: March 9th, 1966

Address: Gordon W. S. Shale, gray shale, red and gray sand.

Date of Notice of Appropriation of Groundwater: March 9th, 1966

Address: Edward W. S. Shale, gray shale, red and gray sand.

Date of Notice of Appropriation of Groundwater: March 9th, 1966

Address: John W. S. Shale, gray shale, red and gray sand.
Dale C. Walker
Richfield, Ohio

State of Ohio:

County of Richland
Filed for record this 17th day of March A.D. 1966 at 9:00 o'clock A.M.

Delight Lewis, C.L., a non-v.

W. Butler, Commissioner
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Sept. 1950

Owner: J. M. McGollum
Address: Helena, Montana

Contractor (if any): Charles L. Henry
Address of Contractor: Helena, Montana

Date Started: Sept. 1950
Date Completed: April 1961

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

Developed Spring by digging into natural Spring. Place of Culvert Pipe got into Spring and it fills up to about 1 foot of water.

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.

This water is gravity fed into two tanks and is used continuously for stock water. An inside pipe runs to each tank and it keeps them both full.

No measurable amount known.

Signature of Owner: J. M. McGollum
Date: January 6, 1961

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.