STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date: 12/30/63

Name: James F. Jackson
Address: Lewistown
Town: (Town)
County of: Fergus
State of: Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since the late 1800's and used continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): about two 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: not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: spring located in the S½ of the N½ of SE 14, T 15 N 39

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: the last time the spring was worked on was in 1963

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: a spring built below the spring to retain the water for livestock use

10. The estimated amount of groundwater withdrawn each year: 408,000 gallons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

Date: 12/30/63

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

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

1. Mary Zellick
   (Name of Appropriator)
of 621 Pine St., Lewistown
   (Address)
   County of Fergus (Town)
   (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>E</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tr>
<tr>
<td>x</td>
<td></td>
</tr>
</tbody>
</table>

  1. The beneficial use on which the claim is based: Cattle Watering.

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

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

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

  5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: This is a spring; Gravity Flow.

  6. The depth of water table: Unknown.

  7. 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: project has been completed.

  8. The estimated amount of groundwater withdrawn each year: 1941.

  9. The log of formations encountered in the drilling of each well if available: 1941.

  10. 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: It supplied.

  11. Signature of Owner: Mary Zellick.

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

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

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

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

1. ALICE CARNICHA  
(Name of Appropriator)  

2. The beneficial use of which the claim is based, for cattle,  

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Present water since 1937,  
continuous since then.  

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300  

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. One by pump and others, natural springs.  

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 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 4 feet.  

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 drilled  

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 19, 1963  

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

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

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.  

17278
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. **FRANK ROTTAS**
   (Name of Appropriator) of 
   (Address) 
   (Town) 
   County of ____________________  
   State of ____________________  
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based:  
   **Livestock & irrigation purposes**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
   **June 1, 1957 - continuous use ever since said date**

4. The amount of groundwater claimed: (in inches or gallons per minute) **50 gallons per minute**

5. If used for irrigation, give the approximate description of the lands to which water has been applied and name of the owner thereof  
   **One acre of land in NE 1/4 of Section 24, Township 15, Range 19**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
   **An 80' jet pump with half horse motor**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
   **May 15, 1957 date of commencement; June 1, 1957 completion date**

8. The depth of water table  
   **158'**

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  
   **This is a 158' deep well, with 8' casing and has an 80' jet pump with half horse motor for withdrawing water**

10. The estimated amount of groundwater withdrawn each year  
    **2,628,000 gallons**

11. The lot of formations encountered in the drilling of each well if available  
    **none available**

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

     Signature of Owner  
     ________________________________  
     Date  
     MAY 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 Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Frank Adams
Address: Lewistown
Driller: W. Adams
Address: Lewistown

Date of Notice of appropriation of groundwater: Aug. 20, 1967
Date well started: Aug. 10, 1967
Date completed: Aug. 20, 1967

Type of well: Drilled
Equipment used: Dredge

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>4½&quot;</td>
<td>0</td>
<td>221</td>
</tr>
</tbody>
</table>

 static water level for non-flowing well
Shut-in Pressure for Flowing Well: 3 feet.
Pumping Water Level: 115 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Baflted
Length of Test: 6 hrs.
Remarks: Gravel packing, cementing, packers, type of slant off, etc.

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).

3½ mi NW Sec. 24 T. 15 W. 9
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, 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: 144
Driller's Signature: W. Adams

4-5, 1967
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FRANK KOTTAS
(Name of Appropriator)

LEWISTOWN
(Address)

Fergus
(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
   Livestock & domestic purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Improved Spring Sept. 1, 1961 - continuous use ever since said date;

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Work commenced about August 15, 1961 - completed Sept. 1, 1961

8. The depth of water table
   Water comes to the surface - depth of water table unknown

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
   This Spring was dug out and improved on the aforesaid date; it was improved by installing therein 15’ of 36” culvert. This improvement caused the water to flow from the Spring continuously;

10. The estimated amount of groundwater withdrawn each year
    2,628,000 gallons

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

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

Signature of Owner

Date

MAY 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 Appropriator.
9775
COPY

Muse of [illegible],
County of [illegible]}

Filed: MAY 16, 1962
at 9:30

Mary [illegible]
Clerk and Recorder

2nd Pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. ALICE CARDIAN
   (Name of Appropriator)
   of GULF EDGE R.T., LEMISTOWN
   (Address) (Town)
   County of PERMAN
   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: for cattle, household and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Present owners since 1937. Continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: one by pump and others, natural springs.

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

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: No Test

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 drilled.

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 19, 1963

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

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

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

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

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

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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana,
County of Fergus.

Filed

at

o'clock

MAY FATHBUN
County Clerk and Recorder

COPY

17653
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

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

Date of Notice of appropriation of groundwater: None

Date well started: March 13, 1972
Date completed: March 13, 1972

Type of well: Drilled
Equipment used: Cable, pug (Churn, driven, bored or drilled)

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock, 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>
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<td>8&quot;</td>
<td>8&quot; ID steel casing</td>
<td>0</td>
<td>110</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Above cr. 1&quot;</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6&quot; ID galvanized casing</td>
<td>110</td>
<td>5/16&quot; hole</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well: 0 psi
Pumping Water Level: 90 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well: None

How Tested: Balling
Length of Test: 3 hours
Remarks: (Gravel packing, cementing, packing, type of shutoff) 8" steel casing cemented in.

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: 29359
Driller's Signature: [Signature]

File No. 46532
Filed for record this 10th day of May A.D. 1972, at 4:30 A.M.
State of Montana,  
County of Fergus,  
Filed MAY 10, 1972 
at 4:30 o'clock P.M. 

[Signature]  
County Clerk and Recorder
 Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Martha Vatejek
   (Name of Appropriator)  
   of Lewistown
   (Address)  
   (Town)  
   County of Fergus  
   State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuously the use has been in 1964.  Used continuously since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute), estimate 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
   NE1/4 Sec. 34, T158N R.19E  
   Martha Vatejek is the owner.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   dug well about 14 feet deep. Pumped from well by means of mechanical pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1924.

8. The depth of water table about 14 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   not applicable.

10. The estimated amount of groundwater withdrawn each year
    estimated 75,000 gallons.

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, 1968.

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

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

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

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

1. Martha Henke, of Lewistown, County of
   Fergus, 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 1900. Used continuously since
      that time.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) estimated 3 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
      not applicable

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

   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 ground level (flowing spring)

   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 not applicable

   10. The estimated amount of groundwater withdrawn each year estimated 50,000 gallons

   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: Martha Henke
Date December 27, 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Martha Matejcek
   (Name of Appropriator) of Lewistown
   (Address) (Town)

County of Fergus

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

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

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

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

   Various fields 8th of Section 34, Martha Matejcek is the owner.

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

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 ground level (flowing spring)

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 not applicable

10. The estimated amount of groundwater withdrawn each year estimated 75,000 gallons

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 Martha Matejcek

Date December 27, 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, County of Purgue  

Filed at 2:20 o'clock A.M.  

May 7th  

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)

Martha J. Jock, of Lewistown
(Address) (Town)
County of Fergus, 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 continuously the use has been
that time when spring flows (generally in the spring and summer)

4. The amount of groundwater claimed (in miner's inches or gallons per minute), estimated 15 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

not applicable

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

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

Ground level (flowing spring)

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

not applicable

10. The estimated amount of groundwater withdrawn each year

estimated 40,000 gallons

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: Martha J. Jock
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.
State of Montana,
County of Fergus

Filed: 

at 8:30 o'clock A.M.

$2.00

County Clerk and Recorder

17496

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

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

1. **Martha Hafajee**, of **Lowistown**
   (Name of Appropriator)  (Address)  (Town)

   County of **Fergus**  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 prior to 1962

4. The amount of groundwater claimed (in miner's inches or gallons per minute), estimated **50 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 prior to 1962

8. The depth of water table. *Ground level (flowing spring)*

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; estimated **30,000 gallons**

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 **Martha Hafajee**
Date **December 27, 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.
17498

COPY

State of Montana, 
County of Fergus |

Filed 05/03 1:35 p.m. 19...

at 8:00 o'clock M.

MAY RAEHUN
County Clerk and Recorder
<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>Abbott, Marshall J.</td>
<td>GW14</td>
<td>17363</td>
<td></td>
</tr>
</tbody>
</table>
**Declaration of Vested Groundwater Rights**

(Under Chapter 67, Montana, Session Laws 1961)

1. **Name of Appropriator**
   - County of
   - Address
   - State of
   - (Town)

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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

(Name of Appropriator)  
(Address)  
(Town)  
County of  
State of  

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

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

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 Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriate) (Address) (Town)

County of_______________________ State of_______________________

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Sept. 15, 1963

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced Sept. 15, 1963

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: 12 ft

10. The estimated amount of groundwater withdrawn each year: Steady Flow

11. The log of formations encountered in the drilling of each well if available: No Well Drilled

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: Gravel Spring Drilled Through

Signature of Owner: [Signature]
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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator: 
   Address: 
   County of: 
   State of: 
   Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based is: 
   
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 land 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 quad-riplicate for the Appropriator.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Appropriator’s Name:** [Name]  
   **(Address):** [Address]  
   **(Town):** [Town]  
   **County of:** [County]  
   **State of:** [State]  

In the State of Montana, Office of the State Engineer, Groundwater Code Administrator of the Montana Bureau of Mines and Geology, has 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:**  
   **Developed approximately:**  

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 county record:**  

   
   **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.
Form No. 18
8-60

Butte, Montana

MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Owner, Name_________________________ Address_________________________

Driller, Name_________________________ Address_________________________

Date Started_________________________ Date Completed____________________

Location: Sec. __ T. __ R. ___________ sec. __ T. __ R. ___________

Type of well, (driven, cased, or drilled)_________________________

Equipment used, (bore, drill, rotary, other)_________________________

Water use: Domestic [x] Municipal [ ] Stock [x] Irrigation [ ]

Industrial [ ] Drainage [ ] Other [ ]

Casing: _______ ft. to _______ ft. Type_______ Size_______

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: _______ ft. _______ feet.

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

Pumping water level _______ feet at _______ gal. per min.

How tested: ___________________________ (check)

Length of test_________________________

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

_____________________________________

_____________________________________

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
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<td></td>
</tr>
<tr>
<td>50</td>
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<td></td>
</tr>
<tr>
<td>60</td>
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<td></td>
</tr>
<tr>
<td>70</td>
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<td>80</td>
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</tr>
<tr>
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<td>180</td>
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<td></td>
</tr>
<tr>
<td>190</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Water Well Log**

**Owner:** George Smith  
**Address:** Lomond, Mon

**Driller:** C. Smith  
**Address:** Lomond, Mon

**Date Started:** Dec 23, 1957  
**Date Completed:** Dec 23, 1957

**Location:** Sec 12, T 15, R 20, 1/4 sec SW 1/4 of SE 1/4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotary Drilled</td>
<td>Drill, Rotary, other</td>
</tr>
</tbody>
</table>

**Water use:**  
- Domestic [ ]  
- Municipal [ ]  
- Stock [X]  
- Irrigation [ ]

**Industrial [ ]  
- Drainage [ ]  
- Other [ ]

**Casing:**
- Depth: 216 ft. to 295 ft.  
- Type: Galvanized  
- Size: 2"

**Static Water Level:**
- For non-flowing well: 50 feet

**Shut-in Pressure:**
- For flowing well: 57 lb. sq. in.  
- Date: Dec 30, 1957

**Pumping Water Level:**  
- Feet at:  
- Gal. per min.:  

**How tested:**

| Remarks:  
- Gravel packing, cementing, packers, type of shut-off, depth of shut-off  
- Cement cured, pumped down to lockin  
- 1 jack was of cement, 1 bag used  

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Calcareous</td>
</tr>
<tr>
<td>2</td>
<td>Limestone</td>
</tr>
<tr>
<td>3</td>
<td>Clay</td>
</tr>
<tr>
<td>4 - 55</td>
<td>Marine red sandstone</td>
</tr>
<tr>
<td>56 - 67</td>
<td>Clay</td>
</tr>
<tr>
<td>67 - 120</td>
<td>Soft limestone</td>
</tr>
<tr>
<td>121 - 155</td>
<td>Sandy limestone</td>
</tr>
<tr>
<td>155 - 252</td>
<td>Sandy shale</td>
</tr>
<tr>
<td>253 - 257</td>
<td>Clay</td>
</tr>
<tr>
<td>258 - 262</td>
<td>Soft limestone</td>
</tr>
<tr>
<td>263 - 415</td>
<td>Red sandstone</td>
</tr>
</tbody>
</table>

*Note: Precautionary remarks:*

*Wet 261.6' in marl zone 123.6*
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Clarence P. Smith of Lil' Elm, At Lewistown, 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: 1880

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

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

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: Clarence P. Smith
Date: 1/20/1966

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]
Date Completed: [Date]

Type of well: [Type]
Equipment Used: [Equipment]

(max., driven, bored or churn, drill, rotary 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.

Static Water Level for non-flowing Well: [Feet]
Shut-in Pressure for flowing Well:
Pumping Water Level: [Feet] at [Rate] gal. per minute.
Discharge in gal. per min. of flowing well:

How Tested: [Method]
Length of Test:

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

Show exact depth of bottom.

[Diagram]

Driller's License Number: [Number]
Driller's Signature: [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.

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 GROUND WATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. The name, address and license number of the driller engaged

2. The location, type, size and depth of well or wells contemplated

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

4. The probable or intended date of commencement and completion of the well or wells

5. The probable or intended date of first beneficial use

6. The probable or intended date of completion of the well or wells

7. The rate of use in gallons per minute or miner’s inches of groundwater claimed

8. The annual period (inclusive dates) of intended use

9. The beneficial use to which water is to be applied is

10. Give such other similar information as may be useful in carrying out the policy of this act

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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Name of Appropriator (Address) (Town) of............., County of............., State of............., 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 ____________________________ (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

5. The probable or intended date of first beneficial use

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

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

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

9. Name, address and license number of the driller engaged

10. Give such other similar information as may be useful in carrying out the policy of this act

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

Signature of Appropriator

Date

* As defined in the Code Sec. 1 (c) "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 School of Mines and quadruplicate for the Appropriator.
State of Montana, County of Fergus.

Filed: May 22, 1964.

at 11:00 o'clock A.M.

[Signature]
County Clerk and Recorder
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lethi C. Swan
Address: Gift Edge Route

Driller: F. M. Madsen
Address:

Date of Notice of appropriation of groundwater: ____________________________

Date well started: ____________________________ Date completed: ____________________________

Type of well: __________ Equipment used: __________
(Drill, Driven, Screw, or other)

Water use: Domestic X 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 Driller's Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>4 1/2</td>
<td>0</td>
<td>157 6 1/4</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well ____________________________ feet.

Shut-in Pressure for Flowing Well ____________________________ feet at 15 5/10 gal.

Pumping Water Level ____________________________ feet at __________ gal. per minute.

Discharge in gal. per min. of flowing well ____________________________

How Tested: __________

Length of Test: __________

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

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

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, two copies to be retained by driller.

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

Driller's License Number: __________

Driller's Signature: __________
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Approprior: [Name]
   Address: [Address]
   Town: [Town]
   State: [State]

   County: [County]

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

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

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

   [Details]

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

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 drilling 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:

   [Details]

   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 as 1 Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriorator.
These copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

18989
State of Montana, County of Fergus

Filed: DEC 3 19

MAY RATHBUN
County Clerk and Recorder
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

Owner: Fred Carlson
Address: Lovelock, Montana

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

Date Started: 1920
Date Completed: 1920

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

- Natural Flow
- Surface

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:

- Continuous Flow
- Continuous Use

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

Signature of Owner:
Date: 12-30-69

This form is 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 by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level)

Surface soil
Red clay
Red sandy silty clay
Sandy lime
Sand
Clay
Brown silty clay
Hard white rock
Red to purple silty clay
Silty line
Dolomite
Beltsville chalk:
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.

Water Use:
Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other  

Carbonaceous
Sand
Sand, good porosity
Sand, good porosity (Water)
Silty sand

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

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

Formation shut-off, cemented

Driller's License Number

C. W. Sellman
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.

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

Driller: Sellman & Hanson Brg. Co. Inc.

Owner: John E. Berg

Address: Lewistown, Mont. Mout.

Driller: Sellman & Hanson Brg. Co. Inc.

Date of Notice of Appropriation of Groundwater (Domestic)

Date well started
Jan. 7, 1962
Date Completed
Feb. 8, 1962

Type of well
Drilled
Equipment Used
Rotary
(Churn, drill, rotary or other)

Well Details:

25 5/8 in. N 44° W 23 1/2 R 20
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.