Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws 1962)

Owner: Edward J. Yirsa
Address: Big Sandy, Mont.

Driller: Lloyd G. Hanberg
Address: Box Elder, Mont.

Date of Notice of Appropriation of Groundwater: Sept. 15, 1962
Date well started: Sept. 15, 1962
Date completed: Sept. 17, 1962

Type of well: Drilled
Equipment Used: Driller

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: 86 feet.
Shut-in pressure for flowing well: None.
Pumping Water Level: 86 feet at 5 gal. per minute.
Discharge in gal. per min. of flowing well: None.
How tested: bailer
Length of Test: 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation): None.

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 CHittLE:

Filed SEP. 27. 1962
at 11:45 A.M.

George W. Haruve
County Clerk
by Irma M. Harris
Deputy

Received $2.00 Paid
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Edward P. Jirsa, of Big Sandy
   (Name of Approporator) (Address) (Town)

   County of Chouteau, 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: Human and livestock use; Garden irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1914
   Constant since well has been dug

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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: Garden plot. Noted

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Horse line engine, pump jack, Electric motor, and pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1914

   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: Concrete lined 7 1/2 feet diameter, 52 feet deep

   10. The estimated amount of groundwater withdrawn each year 400,000 gallons

   11. The log of formations encountered in the drilling of each well if available: Clay, gravel, Top soil

   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: Edward P. Jirsa
   Date: Oct 4, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Approporator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Edward P. Jnna, of Big Sandy, Chouteau County, 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: Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Aug. 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gallons

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: Gasoline engine pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Aug. 1958

8. The depth of water table: 7 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: Wood lined: 7 feet

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

11. The log of formations encountered in the drilling of each well if available: Top soil, sand and gravel

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

Signature of Owner: Edward P. Jnna
Date: Oct. 4, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
1. **Frank E. Dyer**, Jr. of **Big Sandy**

   **County of** **Montana**

   **State of** Montana

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

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

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **550 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: **[Details]**

   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: **12 ft.**

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

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

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

   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: **July 30, 1963**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank O. Doe, Jr., of Big Sandy
   (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
      watering

   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) 10

   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.
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 Adamec, Big Sandy
   (Name of Appropiator) (Address) (Town)

   County of Chouteau, 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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been after January 1, 1962:
      1925-continuous use thereafter

   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:
      7 acres, adjoining it on the north

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      1925

   8. The depth of water table:
      50 ft. coulee, 20 feet below bottom of coulee

   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:
      unavailable

   10. The estimated amount of groundwater withdrawn each year:
       300 acre feet

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

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

   Signature of Owner: Frank Adamec
   Date: 30 December 1953

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

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

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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Frank E. Dega, Jr.
   of Big Sandy
   (Name of Appropriator) (Address) (Town)
   County of Missouri 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: farming

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

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

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

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: 1920

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: 2 gal per minute

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: Frank E. Dega, Jr.

Date: July 30, 1963

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

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

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

Plaint

AUG. 6, 1963

at 3:00 P.M.

George W. Harmon

By

2.00 Paid
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL**

(Under Chapter 237 Montana Session Laws, 1961)

**Date of Appropriation of Groundwater**: 1920

**Owner**: Mildred Hoge

**Address**: Big Sandy, 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.

- **Dug Out** - Gravity Flow
- 6 ft square - 4 ft deep - walled with rock
- 2 inch pipe outlet - Livestock and Household

**Quantity of water developed and used with explanation of method used to measure or estimate such amount**: 3 gals per minute - used continuously since 1920 - stock water tank - used year around

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

**Signature of Owner**: Mildred Hoge  
**Date**: December 23, 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 Approprietor.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Henry Cole

(Name of Appropriator)

County of Chouteau

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 description 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.

REGISTRATION 76.000
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Geerle ........................................ Big Sandy
   (Name of Appropriator) (Address) (Town)

   County of Chouteau 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: September 1946 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 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: Electric pump, Well number 32-24-15

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

8. The depth of water table: 15 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' in. Diameter dug well, 25 feet deep

10. The estimated amount of groundwater withdrawn each year: 45,000 gallons

11. The log of formations encountered in the drilling of each well if available: Judith River Till

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 Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Cearle
   (Name of Appropriator)

   Big Sandy
   (Address)

   County of Chouteau
   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 and Domestic

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1951 continuous

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      1951

   8. The depth of water table
      100 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 5/8" casing, 190 feet deep

   10. The estimated amount of groundwater withdrawn each year
      648,000 gallons

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

   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 12-24-63

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 School of Mines 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. Henry Deere of Big Sandy
   (Name of Appropriator) (Address) (Town)

   County of Chouteau, 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
      ____________________________
      Montana

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been ____________________________
      1946 continuous

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      ____________________________
      Electric pump in dug well located at S3-26-15

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      ____________________________
      September 1946

   8. The depth of water table ____________________________
      25 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
      ____________________________
      Doug well 40" in Diameter and 40 feet deep Electric pump

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
    ____________________________
    Clineet Shale

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 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 School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Type of screen or perforations: none</th>
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<tbody>
<tr>
<td>Static Water level, for non-flowing well: 120 ft.</td>
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<tr>
<td>Shut-in pressure, for flowing well: 120 lb./sq. in. on: (date)</td>
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<tr>
<td>Pumping water level: 350 feet at 14 gal. per min.</td>
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<td>How tested: pumped</td>
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<td>Length of test: 36 hours</td>
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Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Casing cemented in.
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<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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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 Adamec ........................................ of Big Sandy, (Name of Appropriator) (Address) (Town)
County of Chouteau .................................................. 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 irrigation-Household-Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946-continuous use thereafter

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946-built reservoir above spring-increased flow of spring by four times prior flow

8. The depth of water table surface to 1 foot below floor of coulee

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'x6'x12' concrete box, rock base

10. The estimated amount of groundwater withdrawn each year 300 acres feet

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 Adamec
Date: 30 December 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Approprietor.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Clyde M. Webber</td>
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<td>Clyde M. Webber</td>
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<td>Wilma Humma</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. James O. Brewer, of Big Sandy
   (Name of Appropriator) (Address) (Town)
   (County of Chouteau, 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
   Stock water and house

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

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
   None

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

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

8. The depth of water table 142 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
   Pressure pump -- cased well

10. The estimated amount of groundwater withdrawn each year unknown

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

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

Signature of Owner: James O. Brewer
Date: June 26, 1973

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

<table>
<thead>
<tr>
<th>Walter L. Brown</th>
<th>Big Sandy</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
</tr>
<tr>
<td>County of Chouteau</td>
<td>State of Montana</td>
</tr>
</tbody>
</table>

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

2. The beneficial use on which the claim is based. stock water, irrigation, domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Two wells, numbers 3 and 4 have been in use for 40 years, other two since drilling in 1963 and 1964.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) not measured, but estimated four wells, 150 miner's inches.

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 as yet used for irrigation, but intended.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Wells numbered 3 and 4 not known. 1 and 2 wells 1953 and 1960.

8. The depth of water table 150 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" casing, 200' depth.

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.

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 Walter L. Brown
Date December 26, 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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1964)

Date of Notice of Appropriation of Groundwater: June 4, 1964
Date of Notice of Appropriation of Groundwater: June 4, 1964

Type of Well: DRILLED
Equipment Used: Drill, driven, bored or drill rig

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: 153 feet
Shut-in Pressure for Flowing Well: Not Applicable
Pumping Water Level: 154 feet at 3 gal. per minute
Discharge in gal. per min. of flowing well: Not Applicable
How Tested: Suction
Length of Test: 3 hours

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)

Placed at 152 ft level x well
Cemented back to 100 ft due to caving of upper strata

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.

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 1959
Owner. Clyde G. Webster
Address. Big Sandy, Montana 59520
Contractor (if any) none
Address of Contractor none
Date Started 1959 Date Completed 1959

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable developed dugout spring, gravity 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 year around, stock water, 5 gallons per minute

Signature of Owner Date

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

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

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

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1959
Owner: Clyde O. Webster
Address: Big Sandy, Montana 59520
Contractor (if any): none
Address of Contractor: none
Date Started: 1959 Date Completed: 1959
Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable: dugout-developed spring

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use:
- Year-around, stock water
- 3 gallons per minute

Signature of Owner: 
Date: 28/13

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 Approprietor.
STATE OF MONTANA

COUNTY OF [COUNTY NAME]

Filed: [DATE]

[Signature]

County Clerk

By: [Signature]

Fee $[AMOUNT] 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: AUG 2 1973
Owner: Clyde G. Webster
Address: Big Sandy, Montana 59520
Contractor (if any): none
Address of Contractor: none
Date Started: 1959 Date Completed: 1959

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use: stock water, 2 gallons per minute, year around

Signature of Owner: Date: 6-29-73

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 Appropriorator.
STATE OF MONTANA,
COUNTY OF CRUZEDA,

Filed JUN 29 1873 19

By Deputy

Paid

$37155
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. Chester Humes of Big Sandy
   (Name of Appropriate) (Address) (Town)
   County of Chouteau State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 10 years, continuous from April 1, 1952, to the present time.

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: cylinder pump located by Chester Humes.

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

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: drilled well, 8 inches casing, depth 50 ft.

10. The estimated amount of groundwater withdrawn each year: 2000 barrels.

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: ____________________

Signature of Owner: Chester Humes
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.
[Content not legible due to image quality]
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montanas Session Laws, 1961)

James O. Brewer

of Big Sandy, Montana

County of Chouteau, State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1961, as follows:

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

3. Date or approximate date of earliest beneficial use; if continuous the use has been since 1961.

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: Electric pump.

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

8. The depth of water table: 30 feet.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: James O. Brewer

Date: June 26, 1973

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.
<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>
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<td></td>
</tr>
<tr>
<td>24</td>
<td>Frank Sorvig</td>
<td>O.04</td>
<td>26494.7</td>
<td></td>
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<td>34</td>
<td>Kathleen Wiley</td>
<td>O.04</td>
<td>271517</td>
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<tr>
<td>31</td>
<td>Roger A. Meermann</td>
<td>O.04</td>
<td>216949</td>
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</tr>
<tr>
<td>31</td>
<td>Roger A. Meermann</td>
<td>O.04</td>
<td>247650</td>
<td></td>
</tr>
</tbody>
</table>
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT

(Under Chapter 23? Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Address

Contractor (if any)

Address of Contractor

Date Started Date Completed

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

Contractor's methods of measuring or estimating the quantity of water developed and used.

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

Signature of Owner

Date

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

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

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

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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Rabkin Rominger

(Name of Appropriator)

of Floweres

(Address)

(Town)

County of Chouteau

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: Livestock and Domestic

2. Date or approximate date of earliest beneficial use; and how continuous the use has been throughout the year: 1959- used continuous and year around

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

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

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

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

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

8. The depth of water table: 1185 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:
   - Artesian well: 45 ft. of pressure

10. The estimated amount of groundwater withdrawn each year: 750,000 gals per year

11. The log of formations encountered in the drilling of each well if available: Glacial Overburden - 7 ft. of Blue Shale - 133 feet of Sandstone - Hard Sandy Shale - 560 feet - Artesian Shale - 945 feet - Sandy Shale - 977 feet - Sandstone hard and soft to 1380 feet - Balance sandy shale

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: December 29, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator**: Kathleen Wiley, of Flowerree, (Town)

   - **Address**: 

   - **County of**: Chouteau, 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: 

      - Stock water and domestic

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

      - 1959

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

      - 6000

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

      - Artesian well

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

      - October 5, 1959 - completed October 11, 1959 - artesian

   8. The depth of water table: 

      - 1290 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: 

      - Cased well - 2" casing

   10. The estimated amount of groundwater withdrawn each year: 

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

      - Thatcher drilling - Standford, Montana

   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: 

      - Unknown

   **Signature of Owner**: Kathleen Wiley

   **Date**: June 26, 1973

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER 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: Unknown but many years ago

Owner: Carlson A. Freeman
Address: 360 LaRabidou Rd

Contractor (if any): None
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 spring, improved by ditches.

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. Quantity is difficult to measure but water is captured in reservoir. Used for livestock.

Signature of Owner: Carlson A. Freeman
Date: December 17, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 257, Montana Session Laws, 1961)

1. Property located in County of __________ State of __________
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
   a. Name of Appropriator: __________
   b. Address: __________
   c. Town: __________
   d.亩

2. The beneficial use on which the claim is based: __________
   Livestock, wood spraying and general farm use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: __________
   Use has been continuous for __________ years

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied. 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:
   Windmill used in the past, at present a gasoline motor driven by a pump at the location shown in the diagram

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: __________
   __________ gallons

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.
<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>3</td>
<td>Harold O. Rodebaugh, Jr.</td>
<td>GW</td>
<td>240,177</td>
<td></td>
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<tr>
<td>3</td>
<td>Harold O. Rodebaugh, Jr.</td>
<td>1961</td>
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<td>Katherine D. Rodebaugh</td>
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<td>Guenter R. Roeder</td>
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<tr>
<td>82</td>
<td>Earl Osgood</td>
<td>1957</td>
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</table>
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>1.</th>
<th>Harold J. Houdebsn, Jr.</th>
<th>Carter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Town)</td>
</tr>
<tr>
<td></td>
<td>County: Chouteau</td>
<td>State: Montana</td>
</tr>
</tbody>
</table>

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

2. The beneficial use on which the appropriation is based: **stock water irrigation, household use**.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **Sept. 20, 1955. It has been in use Sept. 20, 1935.**

4. The amount of groundwater claimed (in miner's inches) per minute): **11 gal. per minute pumped.**

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: **Carter Stew Add.**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Roda submersible pump: 220 Electric 3 hp. deep well motor.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Aug. 10, 1955, to Sept. 20, 1955.**

8. The depth of water table: **Depth of well 172 ft. 380 ft. of water.**

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 ft. 11 inch steel main, 3½ inch clearance, slotted perforation from 172 ft. to 565 ft.**

10. The estimated amount of groundwater withdrawn each year: **550,000 gal.**

11. The log of formations encountered in the drilling of each well if available: **Entire hole is in Colorado shale and caprock, 481 ft. to 560 sandstone (water).**

12. Such other information of a similar nature as may be useful in carrying out the policy of said act, including reference to book and page of any county record: **The log of the well has been recorded with Chouteau County Clerk and Recorder. The well drilled by C. Fuller, Geraldine, Montana.**

**Signature of Owner:**

Harold J. Houdebsn, Jr.

Date: **March 15, 1962.**

Three copies to be filled 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, in
COUNTY OF CHouteau, Ten.

April 9, 19—

Plaintiffs, A M.

at ,

By ,

$100 Paid
Form No. 18
8-60
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Owner: Harold J. Houdecmn, Jr.</th>
<th>Address: Carter Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: V. C. Miller</td>
<td>Address: Helena, Mont.</td>
</tr>
<tr>
<td>Date Started: 3-1-1956</td>
<td>Date Completed: August 1956</td>
</tr>
<tr>
<td>Location: Sec. 5 T. 23 R. 6 1/4 sec.</td>
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</table>

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

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic [x]</th>
<th>Municipal [ ]</th>
<th>Stock [ ]</th>
<th>Irrigation [x]</th>
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<tr>
<td>Drainage</td>
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<tr>
<td>Other</td>
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<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
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<th>Perforated or screened:</th>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
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<th>Type of screen or perforations</th>
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Static water level, for non-flowing well: 250 feet.

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

Pumping water level: ________ feet at 10 gal. per min.

How tested: ________ time tests: ________

Length of test: ________

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

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<tr>
<th>Remarks</th>
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(over)