STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Carl Lake

of

Hill

Address

Gildford,

Town

County of

Hill

State of

Montana

County of

Hill

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

1. Carl Lake

2. The beneficial use on which the claim is based: Cattle watering & personal use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Approx. 1900 continuous ever since.

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

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

8. The depth of water table: five (5) 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: Rock casing approximately 8 ft in diameter and approximately 20 ft deep.

10. The estimated amount of groundwater withdrawn each year: 185,000 gallons per year.

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 available.

Signature of Owner: Carl Lake

Date: 27 Dec 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.
396848

CARL LAKE

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 11 o'clock AM
ON DEC 7 1963
BY [Signature]

FEE $2.00 pd.
<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>Albert F. Vreijek</td>
<td>GW4</td>
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<tr>
<td>8</td>
<td>Walter Flehaig</td>
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<td>Arville Angerbus</td>
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<td>Ted Moore</td>
<td>GW4</td>
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<td>Stuart McShack</td>
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<td>Albert F. Vreijek</td>
<td>GW4</td>
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<td>34</td>
<td>John E. Kelling</td>
<td>GW3</td>
<td>391212</td>
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<td>36</td>
<td>Stuart McShack</td>
<td>GW4</td>
<td>397167</td>
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</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

I, the undersigned, do hereby file a DECLARATION OF VESTED GROUNDWATER RIGHTS

(As per Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA

Name of Applicant: John Doe
Address: 123 Main St, Jackson, WY 83001
Town: Jackson
County: Teton

I, the undersigned, do hereby file a DECLARATION OF VESTED GROUNDWATER RIGHTS

2. The beneficial use on which the claim is based
   (e.g., livestock watering)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   (e.g., 1915, continuously)

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   (e.g., 1915)

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: John Doe
Date: January 30, 1965

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
396962

ALBERT H. GIBBS

TO

THE PUBLIC

DECLARATION OF TITLE

GROUND MATER EIGHTS

STATE OF MONTANA

COUNTY OF HILL

Filed at 8:00 o'clock a.m.

On the 3rd day of August, 1963

[Signature]

[Notary Public]

[Signature]

[Notary Public]
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Walter Fleckhaug**
   - **(Name of Appropriator)**
   - **(Address)**
   - **(Town)**

   **County of Hill**
   - **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**
   - **Use: Stock Water**

3. **Date or approximate date of earliest beneficial use; and how continuous the use has been**
   - **Approximately 1920**
   - **It has been used continuously**

4. **The amount of groundwater claimed (in miner’s inches or gallons per minute)**
   - **Three 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**
   - **Deep well pump on NE 1/4, Sec. 8, T.37N, R.11W**

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**
   - **It was drilled in approximately 1920**

8. **The depth of water table**
   - **90 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 drilled wells, size & look: drilling depth approximately 170 feet**

10. **The estimated amount of groundwater withdrawn each year**
    - **Approximately 80,000 gallons**

11. **The log of formations encountered in the drilling of each well if available**
    - **This information is 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**
    - **There is no other information**

   **Signature of Owner:** Walter Fleckhaug
   - **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.
Walter Fleischig
to
The Public

Declaration of vested Ground Water Rights

STATE OF MONTANA,
COUNTY OF HILL
Filed at 5 o'clock P.M.
ON SEP 24 1963
D. E. Henson
COUNTY CLERK
By [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Walter Fleckhaug
   of
   (Name of Appropriator)
   (Address)
   (Town)

County of
   Hill
   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 house and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 4, 1951
   the use has been continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): three 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 except for small garden on Sec. 8, T. 37, R. 11, owned by Frank Fleckhaug

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: deep well pump on SE 1/4 Sec. 8, T. 37, R. 11

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 6, 1951 completion
   August 1, 1951 commencement

8. The depth of water table: approximately 90 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: drilled 4 1/2 inch 175 feet deep

10. The estimated amount of groundwater withdrawn each year: approximately 100,000 gallons

11. The log of formations encountered in the drilling of each well if available: 1-50 yellow clay; 50-92 gray clay; 92 - 103 gray clay sandy; 103-105 gray shale hard shell; 105-126 gray shale sandy; 126-133 gray shale; 133-142 green shale sandy; 142-150 green shale sandstone; 150-160 green sandstone; 160-175 green shale sandy

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: no other information to my knowledge

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.
Walter Flechsig

to

The Public

Declaration of Vested Ground Water Rights

STATE OF MONTANA,
COUNTY OF HILL

Filed at 2 o'clock P.M.

ON SEP 24 1963

R. E. Blom
COUNTY CLERK

Deputy

Fees $2.00 pd.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator:** Walter Fleshalt
   - **Address:** (Address)
   - **Town:** (Town)
   - **County:** Hill
   - **State:** Montana

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **information not available**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **four 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: **deep well pump on NE 1/4 sec. 9, T.37, R.11**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **information not available**

8. The depth of water table: **approximately 60 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: **drilled well, size 6 inches, approximately 127 feet**

10. The estimated amount of groundwater withdrawn each year: **used only occasionally**

11. The log of formations encountered in the drilling of each well if available: **information 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: **There is no other information**

---

**Signature of Owner:** Walter Fleshalt

**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.*
WALTER FLECHTIG

TO

THE PUBLIC

DECLARATION OF VESTED ONGROUND WATER RIGHTS

STATE OF MONTANA,
COUNTY OF PILL
Filed on ____________.
ON SEP 24 1963
R. E. Blom
COUNTY CLERK

Fees: $2.00 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. Orville Hagelbe, Simpson
   (Name of Appropriaute) Mont. (Town)
   County of Big. (Address) State of Montana
   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

   H
   N
   W
   E
   S
   NE + NE 32 T 37 R 11
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

   2. The beneficial use or which claim is based
      Household or Stock

   3. Date or approximate date of earliest beneficial use; and how and in what manner the area has been used.
      1948

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

   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.
      Electric Pump

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

   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.
      180 feet

   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 & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
ORVILLE HAGELBAS

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 11 o'clock A.M.
ON DECEMBER 3, 1963

DEPARTMENT OF REVENUE

FEE: $2.00 pd.
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. Leo Prine
   (Name of Appropriator)
   or
   Samuel
   (Form)
   [Address]
   [Town]
   [County]
   [State]

Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

N
W
SE
SE

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

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use and how continued 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 on 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 & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
396909

LEO HOMSE

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL

Filed at 8 o'clock, A.M.

ON DE 23 19---

COUNTRY CLERK

By

DEPUTY

FEE: $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. (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: domestic

3. Date or approximate date of earliest beneficial use: ________

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.
ARNOLD LUND

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL

FIELDED AT 10:15 C. M.

ON MAR 26 1963

R. E. Blegen, COUNTY CLERK

By ____________________________, Deputy

Fee $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

1. _______________________, (Name of Appropriate)
   _______________________, (Address)
   County of _______________________, State of _______________________,
   have appropriated groundwater according to the Montana laws in effect prior to Jan.
   1, 1962 as follows:

   NE 1 Sec. 37 T. 37 R. 11

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

   2. The beneficial use on which the claim is based

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1938

   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
   1938

   8. The depth of water table
   100

   9. So far as it may be available, the type, size and depth of each well or the general
   specifications of any other works for the withdrawal of groundwater
   8 x 180

   10. The estimated amount of groundwater withdrawn each year
   16,000

   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 pol-
   icy of this act, including reference to book and page of any county record

   Signature of Owner: _______________________, Date: Jan. 31 - 1963

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

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RE-
TURNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; triplicate to
the School of Mines and quadruplicate for the Appropriator.
STUART MC INERISH

TO

THE PUBLIC:

DECLARATION OF TESTED GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL

Filed at ______ o'clock ______.

ON DEC 8 1963

[Signature]

[County Clerk]

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

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

1. [Name of Appropriator], of [Address]
   County [County], State of [State]
   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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 [1937]

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) [50 Gal. Per Min.]

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

   6. The means of withdrawing such water from the ground and the location of such 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 [1939]

   8. The depth of water table [40 ft.]

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any, other works for the withdrawal of groundwater [1960 ft. Deep]

   10. The estimated amount of groundwater withdrawn each year [50,000 gal.]

   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

   [Diagram of land parcels indicated]

   Signature of Owner [Signature of Owner]
   Date [Dec. 30, 1963]

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
396960

Declaration of Intent to Condemn Rights

State of Montana
County of Hill
Filed at 1:15 o'clock P.M.
on ____________ 3, 1963

By

Fees $20.00 paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. [Name of Appropriaee], 
   [Address], 
   [Town], 
   [County of], 
   [State of Montana], 
   have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

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</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 & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriaee.
397167

STUART MC INTOSS

TO

THE PUBLIC

DECLARATION OF VISITED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed on 11:00 a.m.
ON 31, 1953

PEN $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Owner's Name) Albert D. Thylak
(Address) 
(Town) Miss.
County of State of

Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

1. The beneficial use is based

2. The beneficial use is based

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

4. The amount of groundwater appropriated (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 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, pump, or other work for 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 & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Apropiator.
ALBERT P. COTTITAN

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF BILL

Filed at 10:00 A.M.

ON DEC. 3, 1963

SUBMITTED

WEST $32.00 pd.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 19, 1962

Owner: John E. Keeling, Address: 623 17th St., Havre.

Contractor (if any):

Address of Contractor:

Date Started: 10-14-62; Date Completed: 10-31-62

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Scooped out a pit about 10 feet deep.

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

Water comes from runoff.

Signature of Owner: John E. Keeling
Date: Nov. 16, 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 Appraiser.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

1. Name of Appropriator: [Name]
   (Address): [Address]
   (Town): [Town]
   (State): [State]
   (County): [County]
   (Sta): [Sta]
   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      [Date] 1938

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

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

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

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

   8. The depth of water table
      [Depth]

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

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

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

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

   Signature of Owner: [Signature]
   Date: [Date]

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
397166

STUART MC INTOSH

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 11 o'clock a.m.
ON DEC 3 1963

FEE: $2.00 pd.
<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>315</td>
<td>420341</td>
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<td>John S. Wilcox</td>
<td>602</td>
<td>421481</td>
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<td>8</td>
<td>Powel Co.</td>
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<td>225621</td>
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<tr>
<td>11</td>
<td>H. H. Broadbun</td>
<td>601</td>
<td>412892</td>
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<td>David's Dugout</td>
<td>1981</td>
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<td>18</td>
<td>Powell Dugout</td>
<td>1959</td>
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<td>26</td>
<td>W. H. Broadbun</td>
<td>6110</td>
<td>32665</td>
<td></td>
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<tr>
<td>31</td>
<td>David Dugout</td>
<td>602</td>
<td>422565</td>
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<td>34</td>
<td>Alonzo House</td>
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<td>225622</td>
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<tr>
<td>38</td>
<td>John Wilck</td>
<td>1211</td>
<td>395523</td>
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<td>Lewis County Dugout</td>
<td>6080</td>
<td>394302</td>
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</tr>
<tr>
<td>50</td>
<td>M. H. Broadbun</td>
<td>6010</td>
<td>430784</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>W. H. Broadbun</td>
<td>6014</td>
<td>2256194</td>
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<td>92</td>
<td>Powell Co.</td>
<td>600</td>
<td>225622</td>
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<td>7</td>
<td>W. H. Broadbun</td>
<td>6010</td>
<td>430784</td>
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</tr>
<tr>
<td>10</td>
<td>Broadbun, W. H.</td>
<td>6010</td>
<td>430784</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, ELLEN E. WHALEY, of SIMPSON, MONTANA
   County of HILL, State of MONTANA, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is: DOMESTIC, LIVESTOCK, CROP SPAYING, ETC.
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed: 10.2.15 GPM

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

5. The probable or intended date of first beneficial use: MARCH 15, 1971

6. The probable or intended date of commencement and completion of the well* or wells*: MARCH 1971

7. The location, type, size and depth of well or wells contemplated: DRILLED WELL, UTILIZING 6¾" 0.0125 CASING, DEPTH APPROX. 150 FEET

8. The probable or estimated depth of the water table or artesian aquifer: 125 TO 150 FT.

9. Name, address and license number of the driller engaged: HIGHLINE DILLING SERVICE
   1173 6TH ST. NO. HAVER, MONT STATE LICENSE 46

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

Doc. No. 430 2411
Filed for record
No. 17 day of FEBRUARY
A. D. 1971, 10 o'clock A. M.

Signature of Appropriator: ELLEN E. WHALEY

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

* 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
GLEN E. WHALEY

TO

THE PUBLIC

NOTICE OF APPROPRIATION
 OF GROUNDWATER

STATE OF MONTANA,
COUNTY OF HILL

Filed at 2:00 o'clock P.M.

FEB 17 1971

R. E. BLOM
COUNTY CLERK

fee: $2.00 paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

(Under Chapter 327 Montana Session Laws, 1961, as amended)

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

Owner: Glen E. Walley
Address: Slippery Rock, Montana
Date well started: 2/27/71
Type of well: Drilled
Equipment used: Cable Tool Rig
Water Use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Garden/Lawn □

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

<table>
<thead>
<tr>
<th>Estimation of Annual Withdrawal</th>
<th>1,000,000 Gallons</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Size of hole (in)</th>
<th>Size ofPlug (in)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/16</td>
<td>21</td>
<td>1/2</td>
<td>105</td>
</tr>
</tbody>
</table>

Kind No. | From (Feet) | To (Feet) |
------------------|-------------|-----------|
Slotted |

Measuring from ground level, well developed by Electric pump for 4 hours.

Static water level: __________ ft.
Pumping water level: __________ ft.
Gallons per minute: __________ measured 15 minutes after pumping began.

Remarks: Gravel packing, cementing, packers, type of shutoff: __________

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

Driller's Signature: Robert Barin
Driller's Address: 1173 6th Street South, Helena, Montana

LICENSE NO. 16

Country: Hill
GLEN E. WHALEY

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF HILL
Filed at 4:00 p.m. JUN 18 1971

R. E. BLOM, COUNTY CLERK

Mara Blesset, DEPUTY

Fee: $2.00 Pd.
ERNEST O. LEE, DRILLING
1200 3rd Street  Havre

WATER WELL LOG

Owner:  Ernest O. Lee
Address:  1200 3rd Street, Havre, MT

Driller:  Ernest O. Lee
Address:  Same as above

Date Started:  June 1, 197
Date Completed:  June 10, 197

Location:  Sect. 37T, R. 12E, N. 4 Sec. 7

Type of well:  Domestic

Water use:  Domestic, Municipal, Stock, Irrigation

Casing:  22 ft. to 36 ft. Type:  Steel, Size:  7/8

Casing:  36 ft. to 121 ft. Type:  Steel, Size:  7/8

Perforated or Screened:  100 ft. to 105 ft. Type:  Steel, Size:  7/8

Type of screen or perforations:  Regular

Static Water level, for non-flowing well:  77 feet

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

Pumping water level:  67 feet at 10 gal. per min.

How tested:  (date)

Length of test:  (date)

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

(over)
<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>51.5 ft. Tap Seve.</td>
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<td>10</td>
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<td>51.5 ft. Tap Seve.</td>
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<td>30</td>
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<tr>
<td>180</td>
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</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]
Date completed: [Date]

Type of well: Drilled
Equipment Used: Churn

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

Industrial [ ] Drainage [ ] Stock [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 1/2</td>
<td>6 1/2</td>
<td>0</td>
<td>31</td>
<td>4 X 4</td>
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<tr>
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<td></td>
<td>25</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 15 feet.
Shut-in Pressure for flowing Well: [Pressure]

Pumping Water Level: 2.4 feet at 31 gal. per minute.
Discharge in gal. per min. of flowing well: [Discharge]

How Tested: [Test]
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).

[Diagram]

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

Show exact depth of bottom.

Driller's License Number: [License 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.
CONRAD COX

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION BY MEANS

STATE OF MONTANA, COUNTY OF HILL
FILED on 2:00 o'clock A.M.
ON OCT 9 1963

R. E. BLO
DEPUTY

Pd $2.00 pd.
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Montana</td>
</tr>
<tr>
<td>Location</td>
<td>T 37 N R 2 E 10</td>
</tr>
<tr>
<td>Owner</td>
<td>J. H. BRADBURY</td>
</tr>
<tr>
<td>Driller</td>
<td>ERNEST O LEE</td>
</tr>
<tr>
<td>Date Started</td>
<td>JUN 2 57</td>
</tr>
<tr>
<td>Date Completed</td>
<td>OCT 31 76</td>
</tr>
<tr>
<td>Type of well</td>
<td>CHURN</td>
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<tr>
<td>Equipment used</td>
<td>CHURN</td>
</tr>
<tr>
<td>Water use</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing</td>
<td>10 ft to 111 ft Type SPAN G Size 16 in</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>111 ft to 111 ft Type C ISON 110</td>
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<tr>
<td>Static Water level, for non-flowing well</td>
<td>21 feet</td>
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<tr>
<td>Shut-in pressure, for flowing well</td>
<td>12 lb/sq.in. on (date)</td>
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<td>Pumping water level</td>
<td>10 gpm ft at 65 ft gal per min</td>
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<tr>
<td>How tested</td>
<td>PUMP</td>
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<td>Length of test</td>
<td>1 day</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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</tbody>
</table>

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<td>Depth, feet</td>
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</tbody>
</table>
DOCUMENT NO. 380199

W.H. BRADBURY

TO

THE PUBLIC

WATER WELL NO.

COUNTY OF HILL

Filed on 10th Month

On Nov. 1940

G.C. YEOMAN
COUNTY REMARK

DEPOT
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 ground water
Date well started:...
Date completed:...
Type of well: [Type]
Equipment used: [Equipment]
Water use: [Use]

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

<table>
<thead>
<tr>
<th>Depth of Drilled Hole</th>
<th>Diameter of Hole</th>
<th>Depth of Water Level of Casing</th>
<th>Depth of Water</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 7/8</td>
<td>19.5 g/f</td>
<td>12 ft.</td>
<td>18 ft.</td>
<td>165</td>
</tr>
<tr>
<td>6 5/8</td>
<td>19.5 g/f</td>
<td>12 ft.</td>
<td>18 ft.</td>
<td>165</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well...
Shut-in Pressure for Flowing Well...
Pumping Water Level...
Discharge in gal. per min. of flowing well...
How Tested...
Length of Test...
Remarks:...

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

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

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.

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 Appropriorator.
W. H. BRADBURY

TO

THE PUBLIC

NOTICE OF GROUND WATER APPROPRIATION

STATE OF MC. TANA,
COUNTY OF H., L.
Filed at 2:00 o'clock P.M.

OCT 11 1968
R. E. BLOM,
COUNTY CLERK

fee: $2.00 paid
## WATER WELL LOG

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Location:** Sec. __________ T.__________ R.__________ ¼ sec. __________

**Type of well:**

**Equipment used:**

**Water use:**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

**Casing:**

- ft. to __________ ft. Type
- Size

- ft. to __________ ft. Type
- Size

- ft. to __________ ft. Type
- Size

**Perforated or Screened:**

- Ft. to __________ Ft. to __________

**Type of screen or perforations:**

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

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

**Pumping water level:** __________ feet at __________ gal. per min.

**How tested:**

**Length of test:**

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

*(Signature)*

*(Date)*

*(Another signature)*

*(Date)*
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 25</td>
<td>Water on the hill.</td>
</tr>
</tbody>
</table>
| 25 - 50    | Slate - shale - 
|            | of sandstone.                   |
| 50 - 75    | Slate - shale - 
|            | of sandstone.                   |
| 75 - 100   | Slate - shale - 
|            | of sandstone.                   |
| 100 - 125  | Slate - shale - 
|            | of sandstone.                   |
| 125 - 150  | Slate - shale - 
|            | of sandstone.                   |
| 150 - 175  | Slate - shale - 
|            | of sandstone.                   |
| 175 - 200  | Slate - shale - 
|            | of sandstone.                   |
| 200 - 225  | Slate - shale - 
|            | of sandstone.                   |
| 225 - 250  | Slate - shale - 
|            | of sandstone.                   |
| 250 - 275  | Slate - shale - 
|            | of sandstone.                   |
| 275 - 300  | Slate - shale - 
|            | of sandstone.                   |
| 300 - 325  | Slate - shale - 
|            | of sandstone.                   |
| 325 - 350  | Slate - shale - 
|            | of sandstone.                   |
| 350 - 375  | Slate - shale - 
|            | of sandstone.                   |
| 375 - 400  | Slate - shale - 
|            | of sandstone.                   |
| 400 - 425  | Slate - shale - 
|            | of sandstone.                   |
| 425 - 450  | Slate - shale - 
|            | of sandstone.                   |
| 450 - 475  | Slate - shale - 
|            | of sandstone.                   |
| 475 - 500  | Slate - shale - 
|            | of sandstone.                   |
| 500 - 525  | Slate - shale - 
|            | of sandstone.                   |
| 525 - 550  | Slate - shale - 
|            | of sandstone.                   |
| 550 - 575  | Slate - shale - 
|            | of sandstone.                   |
| 575 - 600  | Slate - shale - 
|            | of sandstone.                   |
| 600 - 625  | Slate - shale - 
|            | of sandstone.                   |
| 625 - 650  | Slate - shale - 
|            | of sandstone.                   |
| 650 - 675  | Slate - shale - 
|            | of sandstone.                   |
| 675 - 700  | Slate - shale - 
|            | of sandstone.                   |
| 700 - 725  | Slate - shale - 
|            | of sandstone.                   |
| 725 - 750  | Slate - shale - 
|            | of sandstone.                   |
| 750 - 775  | Slate - shale - 
|            | of sandstone.                   |
| 775 - 800  | Slate - shale - 
|            | of sandstone.                   |
| 800 - 825  | Slate - shale - 
|            | of sandstone.                   |
| 825 - 850  | Slate - shale - 
|            | of sandstone.                   |
| 850 - 875  | Slate - shale - 
|            | of sandstone.                   |
| 875 - 900  | Slate - shale - 
|            | of sandstone.                   |
| 900 - 925  | Slate - shale - 
|            | of sandstone.                   |
| 925 - 950  | Slate - shale - 
|            | of sandstone.                   |
| 950 - 975  | Slate - shale - 
|            | of sandstone.                   |
| 975 - 1000 | Slate - shale - 
|            | of sandstone.                   |
DOCUMENT NO. 368856

CRITICAL NAGELHUS

TO

THE PUBLIC

WATER WELL LOC

STATE OF MONTANA,
COUNTY OF HILL
Filed at 10:00 o'clock a.m.
ON AUG 11 1961
G.O. Tom
COUNTY CLERK

DEPUTY
**MONTANA BUREAU OF MINES AND GEOLOGY**

**STATE ENGINEER**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Driller</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORVILLE NAGEMUS</td>
<td>COL AC TOWNSEND</td>
<td>SEPT 14-59</td>
<td>SEPT 26-59</td>
</tr>
</tbody>
</table>

**Location:** Sec. T. R. 37 12

**Type of well:** DRILLED

**Equipment used:** CHURR DRILL

**Type of use:** Domestic

**Water use:** Domestic

**Casing:**
- 98 ft to 176 ft
- 130 ft to 186 ft

**Perforated or Screened:**
- 130 ft to 186 ft

**Type of screen or perforations:**

**Static water level, for non-flowing well:**

**Shut-in pressure, for flowing well:**

**Pumping water level:**

**Length of test:**

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0-31 Soil Clay</td>
</tr>
<tr>
<td>31</td>
<td>31-83 Quick Sand</td>
</tr>
<tr>
<td>83</td>
<td>83-123 Blueshale</td>
</tr>
<tr>
<td>123</td>
<td>123-186 Blueshale, Sticks Sandstone</td>
</tr>
</tbody>
</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. W.H. Bradbury
   (Name of Appropriator)

   of Simms Dr.
   (Address)

   Hare
   (Town)

   County of
   (County)

   State of
   (State)

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

   2. The beneficial use on which the claim is based
      
      
   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1942
      
      Each summer since 1942

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      June 1942 7 1/2 square cement casing

   8. The depth of water table
      27 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
      
      

10. The estimated amount of groundwater withdrawn each year
    12,000 gal.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
    No Records

Signature of Owner
W.H. Bradbury
Date: 12-20-1963

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.
TO THE PUBLIC

DESCRIPTION OF MINERAL GROUND
WATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL

Filed at 11 o'clock A.M.
ON DECEMBER 3, 1963

R. E. BLAND
COUNTY CLERK

Purchased for $2.00 paid.
## NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

### Owner
Orville Nagelhus

### Address
Simpson Route

### City, State
Havre, Montana

### Date well started
4/18/71

### Date well completed
4/22/71

### Type of well
Drilled

### Equipment used
Cable Tool Rig

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

*Describe ____________________________

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

### Date
July 20, 1971

### Time
3:00 AM

### Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>33</td>
</tr>
<tr>
<td>33</td>
<td>37</td>
</tr>
<tr>
<td>37</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>45</td>
</tr>
<tr>
<td>45</td>
<td>60</td>
</tr>
<tr>
<td>60</td>
<td>65</td>
</tr>
<tr>
<td>65</td>
<td>75</td>
</tr>
<tr>
<td>75</td>
<td>90</td>
</tr>
<tr>
<td>90</td>
<td>95</td>
</tr>
<tr>
<td>95</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>105</td>
</tr>
</tbody>
</table>

### Water Level

- Static water level
- Pumping water level

### Measured from ground level

- 103 feet below ground
- 150 feet below ground

### Remarks

- Power/Electric Pump...1/2...HP
- Remarks: (Gravel packing, cementing, packers, type of shut-off)... Hole reamed to 5½" diameter from 1662 to 2477 ft. 6 5/8" liner installed to 2291 ft. & cemented in from 2291 ft. cock thru overlaps at 147 ft.

### Driller's Signature

---

### Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Depth of Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Was Installed</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 5/8&quot;</td>
<td>8 5/8&quot;</td>
<td>0</td>
<td>24</td>
<td>No perforations</td>
</tr>
<tr>
<td>8 5/8&quot;</td>
<td>8 5/8&quot;</td>
<td>24</td>
<td>147</td>
<td>Water coming in thru bottom of 6 5/8&quot; casing at 229 ft.</td>
</tr>
</tbody>
</table>

### Indicate Location of Well and Place of Use, if Possible.

Each small square represents 40 acres.

### Driller's Address
1173 6th Street North

Havre, Montana

LICENSE NO. 46
ORVILLE NAGELHUS

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF HILL
Filed at 1:00 o'clock p.m.
JUL 20 1971

B. E. RICE
COUNTY CLERK

DEPUTY

Fee: $2.00 pd.
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Drillers</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location</th>
<th>Type of well</th>
<th>Equipment used</th>
<th>Water use</th>
</tr>
</thead>
</table>

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

- **Casing:**
  - 0 ft. to 62 ft. Type: Sling-seamless, Size: 7"
  - 52 ft. to 114 ft. Type: Sling-seamless, Size: 5 1/2" OD
  - □ ft. to □ ft.

- **Perforated or Screened:**
  - □ to □ ft.

- **Type of screen or perforations:**
  - □ x □ perforations

- **Static Water level, for non-flowing well:** 79 ft.

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

- **Pumping water level:** 105 feet at 12 gal. per min.

- **How tested:** Bailer

- **Length of test:** 1 1/2 hours

- **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>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td>12</td>
<td>22</td>
</tr>
<tr>
<td>22</td>
<td>28</td>
</tr>
<tr>
<td>28</td>
<td>44</td>
</tr>
<tr>
<td>44</td>
<td>46</td>
</tr>
<tr>
<td>46</td>
<td>52</td>
</tr>
<tr>
<td>52</td>
<td>74</td>
</tr>
<tr>
<td>74</td>
<td>78</td>
</tr>
<tr>
<td>78</td>
<td>93</td>
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<td>93</td>
<td>96</td>
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<tr>
<td>96</td>
<td>104</td>
</tr>
<tr>
<td>104</td>
<td>113</td>
</tr>
<tr>
<td>113</td>
<td>114</td>
</tr>
<tr>
<td>Depth</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>44</td>
<td>46 Hard Rock Formation</td>
</tr>
<tr>
<td>46</td>
<td>52 Grey Shale</td>
</tr>
<tr>
<td>52</td>
<td>74 Blue Shale</td>
</tr>
<tr>
<td>74</td>
<td>78 Grey Shale</td>
</tr>
<tr>
<td>78</td>
<td>93 Blue Shale</td>
</tr>
<tr>
<td>93</td>
<td>96 Grey Shale</td>
</tr>
<tr>
<td>96</td>
<td>104 Blue Shale</td>
</tr>
<tr>
<td>104</td>
<td>113 Grey Sandstone—Water—16 gal. per min.</td>
</tr>
<tr>
<td>113</td>
<td>114 Blue Shale</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

**Owner:** Floyd Shailey  
**Address:** Simpson Rd., Havre, Mont.

**Driller:** Herbert Freier  
**Address:** 281 N State St., Havre

**Date Started:** September 23, 1951  
**Date Completed:** September 26, 1951

**Location:** Sec. 31, T. 37 N., R. 12 W., 1/4 sec., NE 1/4 of SW 1/4 of 31

**Type of well:** Drilled  
**Equipment used:** Churn Drill

**Water use:**  
- Domestic [x]  
- Municipal [ ]  
- Stock [ ]  
- Irrigation [ ]  
- Industrial [ ]  
- Drainage [ ]

**Casing:**  
- 0 ft. to 143 ft. Spang-seamless Size 6 5/8" O.D.

**Perforated or Screened:**  
- Ft. 50 to Ft. 120 Perforated

**Static Water level, for non-flowing well:** 50 feet

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

**Pumping water level:** 150 feet at 8 gal. per min.

**How tested:** Balance

**Length of test:** 1 1/2 hours

**Remarks:**  
- Gravel packed outside of casing for entire depth of well with 3/4" gravel.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>48 Sandy Brown Clay</td>
</tr>
<tr>
<td>48</td>
<td>50 Hard Grey Shell</td>
</tr>
<tr>
<td>50</td>
<td>56 Sandy Blue Shale</td>
</tr>
<tr>
<td>56</td>
<td>62 Grey Shale</td>
</tr>
<tr>
<td>62</td>
<td>65 Blue Shale</td>
</tr>
<tr>
<td>65</td>
<td>68 Sandy Blue Shale</td>
</tr>
<tr>
<td>68</td>
<td>72 Grey Shale</td>
</tr>
<tr>
<td>72</td>
<td>75 Light Brown Shale</td>
</tr>
<tr>
<td>75</td>
<td>83 Blue Shale</td>
</tr>
<tr>
<td>83</td>
<td>88 Sandy Grey Shale</td>
</tr>
<tr>
<td>88</td>
<td>89 Hard Grey Sandstone</td>
</tr>
<tr>
<td>89</td>
<td>91 Grey Sandstone</td>
</tr>
<tr>
<td>91</td>
<td>92 Hard Grey Sandstone</td>
</tr>
<tr>
<td>92</td>
<td>96 Sandy Blue-Grey Shale</td>
</tr>
<tr>
<td>96</td>
<td>104 Sandy Grey Shale</td>
</tr>
<tr>
<td>104</td>
<td>107 Grey Sandstone—Water 3 gal. per min.</td>
</tr>
<tr>
<td>107</td>
<td>113 Blue Shale</td>
</tr>
<tr>
<td>113</td>
<td>125 Grey Shale</td>
</tr>
<tr>
<td>125</td>
<td>128 Grey Sandstone—Water 2 gal. per min.</td>
</tr>
<tr>
<td>128</td>
<td>131 Hard Grey Sandstone</td>
</tr>
<tr>
<td>131</td>
<td>142 Grey Sandstone—Water 5 gal. per min.</td>
</tr>
<tr>
<td>142</td>
<td>145 Blue Shale</td>
</tr>
<tr>
<td>Depth</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>---------------------</td>
</tr>
<tr>
<td>62</td>
<td>Blue Shale</td>
</tr>
<tr>
<td>65</td>
<td>Sandy Blue Shale</td>
</tr>
<tr>
<td>68</td>
<td>Grey Shale</td>
</tr>
<tr>
<td>72</td>
<td>Light Brown Shale</td>
</tr>
<tr>
<td>75</td>
<td>Blue Shale</td>
</tr>
<tr>
<td>83</td>
<td>Sandy Grey Shale</td>
</tr>
<tr>
<td>89</td>
<td>Hard Grey Sandstone</td>
</tr>
<tr>
<td>91</td>
<td>Grey Sandstone</td>
</tr>
<tr>
<td>92</td>
<td>Hard Grey Sandstone</td>
</tr>
<tr>
<td>96</td>
<td>Sandy Blue-Grey Shale</td>
</tr>
</tbody>
</table>