PETE R SIEMENS et ex

TO

THE PUBLIC

COMPLETION OF GROUND WATER
WITHOUT WELL

STATE OF MONTANA,
COUNTY OF BILL
Filed at __. Block __.

ON DEC 30 1963

COUNTY BANK

FEE: $2.00 pd.
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. PETER SIEMENS & DOROTHY L., of SOUTH ROUTE RUDYARD
   (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: Household use and domestic use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: This well was dug May 1947.
   Ten and more families use water from this well.
   Approximate use would be about 1,000,000 gallons a year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): See answer to No. 3.

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: Each family uses their own pump and there is only well one. (1) well located in 1/24 of 1/24 of Section 26, T. 29, R. 8.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started May 1947 and completed in same month and year.

8. The depth of water table: From three to four feet. The depth depends on the river.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: This well is about four feet in dia. and is sixteen feet deep.

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 The estimated amount of groundwater withdrawn each year: About 1,000,000 gallons a year.

11. The log of formations encountered in the drilling of each well if available: Mostly sand and quick sand toward the bottom.

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

Signature of Owner:

Date Dec 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 Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
PETER SIEMINS et ex

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF BILL

Filied on ____________________

ON DECS 2, 1963

By ___________________________

FEE: $2.00 pd.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Approp.</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>3</td>
<td>Leonard Faber</td>
<td>Cu14</td>
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<tr>
<td>7 1/8</td>
<td>Edward P. Rowe</td>
<td>Cu4</td>
<td>39,371</td>
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<td>10</td>
<td>Leonard Faber</td>
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<td>9</td>
<td>Kansas Springs Hill Co.</td>
<td>Cu59</td>
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<td>Leonard Faber</td>
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<td>Wanda Angel</td>
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<td>Wanda Angel</td>
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<td>17</td>
<td>Phil Hansen</td>
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<td>22</td>
<td>Margaret Kramer</td>
<td>Cu2</td>
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<td>29</td>
<td>Bly Fernon</td>
<td>Cu3</td>
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<td>29</td>
<td>Phil Fernon</td>
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<td>39,761</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

1. LEONARD FABER, of Shumbo Rd., Havre, Montana
(Name of Appropriator) (Address) (Town)
County of Hill State of Montana
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

1. The beneficial use on which the claim is based
   house & stockwater

2. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1959

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

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. The means of withdrawing such water from the ground and the location of each well or other
   means of withdrawal
   electric submersible pump pressure system

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

7. The depth of water table
   40 ft.

8. So far as it may be available, the type, size and depth of each well or the general
   specifications of any other works for the withdrawal of groundwater
   50 ft. 4 inch casing

9. The estimated amount of groundwater withdrawn each year
   180,000

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

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

12. Signature of Owner
    LEONARD FABER
    Date
    Jan. 2, 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.
LEONARD FABER

TO

THE PUBLIC

DECLARATION OF VESTED OR UNDEVELOPED WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

On the 2nd day of July, 1947

[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. Howard R. Dow
   (Name of Appropriator)
   of 126 S. Pacific
   Dillon, Montana
   (Address) (Town)

County of Hill (location of water right) 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
   Primarily - Stock water use

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

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

5. If used for irrigation, give the acreage and description of the lands
   to which water has been applied and name of the owner thereof
   Sec. 12 below

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Spring development - gravity flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   October 25 to November 1, 1961

8. The depth of water table
   eight 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.
   depth 14 feet - diameter 56 inches

10. The estimated amount of groundwater withdrawn each year
    360 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.

Signature of Owner
Howard R. Dow
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.

2654
STATE OF MONTANA,
COUNTY OF HILL
Filed at

ON

QUITclaim

Fees: $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. LEONARD FABER
   (Name of Appropriator)
   724 Shembo Rd., Havre, Montana
   (Address) (Town)
   County of
   State of
   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
   stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1-10-59

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

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
   (description of lands)

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1-8 to 1-10-59

8. The depth of water table
   26 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
   4' casing; depth of well = 50 ft.

10. The estimated amount of groundwater withdrawn each year
    90000 gallons

11. The log of formations encountered in the drilling of each well if available
    30' Valley Fill; gravel clay sand; 30 to 38 Valley Fill water; 36-30 Valley Fill water; broken scaly volcanic rock

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
    (additional information)

Signature of Owner

Date      Jan. 2, 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.
LEONARD FABER

TO

THE PUBLIC

DECLARATION OF VESTED GROUND WATER RIGHTS

STATE OF MONTANA
COUNTY OF BILLA

D. C. Yeom
ATTORNEY

Fees: $2.00 pd.
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<thead>
<tr>
<th>Owner</th>
<th>Camp Hill Co</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Havre</td>
</tr>
<tr>
<td>Driller</td>
<td>Simpson Drig Co</td>
</tr>
<tr>
<td>Address</td>
<td>Malta</td>
</tr>
<tr>
<td>Date Started</td>
<td>20 Mar 1959</td>
</tr>
<tr>
<td>Date Completed</td>
<td>30 Mar 1959</td>
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<tr>
<td>Location:</td>
<td>Sec. 7, T. 11, R. 16, 4 sec. 7th W. M.</td>
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<tr>
<td>Type of well</td>
<td>Drilled</td>
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<tr>
<td>Equipment</td>
<td>Churn drill</td>
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<tr>
<td>Water use:</td>
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<td>Industrial</td>
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<td>Stock</td>
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<td>Irrigation</td>
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<tr>
<td>Drainage</td>
<td></td>
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<tr>
<td>Other</td>
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<tr>
<td>Casing:</td>
<td>6 ft. to 57 ft.</td>
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<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>57 ft. to 150 ft.</td>
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<td>Perforated or Screened:</td>
<td>5 7/8 in. to 3 7/8 in.</td>
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<td>Type of screen or perforations:</td>
<td>3/8 in.</td>
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<td>Static Water level, for non-flowing well:</td>
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<tr>
<td>Shut-In pressure, for flowing well:</td>
<td>14 lb./sq. in. on:</td>
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<td>Pumping water level:</td>
<td>22 feet at 0.0 gal. per min.</td>
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<td>How tested:</td>
<td>Core sample</td>
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<td>Length of test</td>
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<td>Remarks:</td>
<td>(Oravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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(over)
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<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tr>
<td>0 - 3.5</td>
<td>Fill and Sand Clay</td>
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<tr>
<td>3.5 - 5.5</td>
<td>Bentonite</td>
</tr>
<tr>
<td>5.5 - 5.7</td>
<td>Sand - water</td>
</tr>
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DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. LEONARD FABER, of Shambo Route, Havre, Montana
   (Name of Appropriator) (Address) (Town)
   County of Hill, State of Montana

   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: stock water

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1-7 to 7-8-39

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

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
   pump jack electric

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Jan. 7, 1959; Jan. 10, 1959

8. The depth of water table: 35 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:
   4' casing; depth of well 44 feet

10. The estimated amount of groundwater withdrawn each year: 90000 gallons

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

   57 Valley Fill (sand clay); 37-42 Valley Fill Gravel Sand
   42-64 Valley Fill Gravel Sand

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: Jan. 2, 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.
To the Public

Declaration of Vested Ground Water Rights

State of Montana, County of Hill
Filed at 9 o'clock a.m.
On Jan 2, 1963
O. C. Yeon
County Clerk
By
Deputy

Fee: $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Wanda Page**
   - **Address**: Havre
   - **County**: Hill
   - **State**: MT

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
   - **Household & Garden**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - **1948 - Continuous**

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   - **2 g. p.m.**

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
   - **Spring**

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater
   - **1948**

8. The depth of water table
   - **Dug out about 5 ft. deep & leveled up.**

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
    - **50,000**

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 policy of this act, including reference to book and page of any county record

   Signature of Owner: **Wanda Page**
   - **Date**: 12-31-63

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.

31266
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at [date] o'clock a.m.
ON [date], 1963

RECEIVED

[Signature]

$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. Wanda Page, of Havre,
   County of Hill, State of Mont.
   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
      Stock

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

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

   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
      Spring

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

   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
      Dry out 3 ft. deep + put tanks in + pipe

   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 12-31-63

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.
TO THE PUBLIC

DECLARATION OF VESTED GROUND ATTACHMENT RIGHTS

STATE OF MONTANA, ss.
COUNTY OF HILL

Filed at ____________ o'clock A.M.

DEED NO. 11113

FEE: $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

UNDER Chapter 237, Montana Session Laws, 1961,

1. Wanda Page, or Chambo R. Haas

(Name of Appropriator) (Address)

County State

County of Montana

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

- The beneficial use on which the claim is based
- Date or approximate date of earliest beneficial use; and how continuous the use has been
- The amount of groundwater claimed (in miner's inches or gallons per minute)
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- The depth of water table
- 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
- The estimated amount of groundwater withdrawn each year
- The log of formations encountered in the drilling of each well if available
- 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

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; quadruplicate for the Appropriator.
397214

WANDA PAGE

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS:

STATE OF MONTANA
COUNTY OF HILL

Filed on 1-11-1963

FEE: $2.00
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Sept 15, 1961
Owner: Phil Learson
Address: 431 2nd St. N.
Contractor (if any): Ralph Seager
Address of Contractor: 24 W. 5th Ave.
Date Started: Sept 10
Date Completed: Sept 15

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug and installing a 1 1/2 in. steel casing and putting them in tanks.

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. May 1st to Dec 1st and March 1st to Dec 15th. 15,000 gal per 24 hr. period. Measured by the number of times the spring will fill the tank only.

Signature of Owner: Phil Learson
Date: Dec 30, 1961

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
NOTICE TO COLLECTOR OF GROUNDWATER WITHOUT WELL

STATE OF MONTANA
COUNTY OF HILL

Filed on July 2, 1953

DEPUTY
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Tryve Evangs
Address: Havre, Mont.

Driller: Simpson Dr. Co.
Address: Malta, Mont.

Date of Notice of appropriation of ground water: 6-5-63
Date well started: 6-5-63
Date Completed: 5-10-63

Type of well: Drilled
Equipment used: Cable Tools

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, sable, 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.

Static Water Level for non-flowing well: 121 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 23 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Ballier
Length of Test: 2 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)

Show exact depth of bottom.

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 School of Mines and Quadruplicate for Appropriator.
TROYE KVANDE

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND
WATER APPROPRIATION BY MEANS
OF WELL

STATE OF MONTANA, ss.
COUNTY OF MILL
Piled at 3:15 o'clock P.M.

ON JUN 20, 1963
R. E. Bloom

By

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater...Sept 17, 1961
Owner...Phil Larson
Address...131 Inglis Ave
Contractor (if any)...Ralph George
Address of Contractor...House, Montana
Date Started...Sept 12...Date Completed...Sept 16

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable...Sign on or the natural seed and installing a steel casing 4'12 inches in diameter, and putting 10 ft. into the ground...

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...To Dec. 1st each year about 12000 cels. per day, Accounting number of times and in cubic feet or acre...52.3 ft.

Signature of Owner...Phil Larson
Date...Dec 30, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
397059

PHIL LARSON

TO

THE PUBLIC

NOTICE OF COMPLETION OF
CONSTRUCTION WITHOUT USE

STATE OF MONTANA,
COUNTY OF HILL

Filed at 10:00 o'clock a.m.
ON DEC 30 1963

BY

[Signature]

DEPUTY

FEE: $2.00 pd.
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: Sept 16, 1963
Owner: Phil Larson
Address: N 31 2 W 21
Contractor (if any): Ray Sarge
Address of Contractor: Helena, Montana
Date Started: Sept 14, 1963
Date Completed: Sept 16, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Standing water, springs, wells, artesian wells, and pumping a steel casing and gallery. Depth about 10 ft.

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. 8,000 gal. in 24 hrs. Measuring time less than whole

Signature of Owner: Phil Larson
Date: Dec 30, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
397060

PHIL LAWSON

TO

THE PUBLIC

NOTICE OF CONSTRUCTION OF
BROADWATER WELLS

STATE OF MONTANA,
COUNTY OF HILL,

Filed at 12:15 p.m.
ON DEC 30 1963

DEPUTY BOUNTY BLANK

$2.00 pd.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... Sept 14
Owner... Phillips... Address... 431 2nd Ave
Contractor (if any)... [Blank]
Address of Contractor... [Blank]
Date Started... Sept 11 Date Completed... Sept 14

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes": Include depth to water when applicable. Dugis out a natural spring or dug a well, installing a 1 1/2 inch steel casing and setting them 60 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... May 1 to Dec 1st each year, against 10,000 acre-feet per 34 day period.

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

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
397061

PHIL LABSON

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUNDWATER WITHOUT WELL

STATE OF MONTANA
COUNTY OF HILL

Filed at __ o'clock ___ m.
ON __________ 1963

By ____________________
COUNTY CLERK

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>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Joe Thompson</td>
<td>GWY</td>
<td>320111</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Sam Henderson</td>
<td>GWY</td>
<td>298722</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Joe Thompson</td>
<td>GWY</td>
<td>324005</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Town School</td>
<td>1257</td>
<td>2632036</td>
<td></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. Rosa Thompson, of 408-8th St. Office, 
   (Name of Appropriator)  
   (Address)  
   (Town)  
   (County of)  
   (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 
   January 9, 1938
   Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) __________
   4 gals. 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
   November 6-1938 to Nov. 9, 1938

8. The depth of water table_____________________
   20 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Electronic drill
   Depth 29 ft

10. The estimated amount of groundwater withdrawn each year________________________
   465 acre-feet

11. The log of formations encountered in the drilling of each well if available
   Valley fill, mostly 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
   (Hills are very low in summer)

Signature of Owner: Rosa Thompson
Date: Oct. 28, 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.
ROA THOMPSON

TO

THE PUBLIC

DECLARATION OF WET ED GROUND
WATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL
Filed at 11:00 o'clock A.M.
ON NOV. 18, 1963
R. E. Blom

DEPUTY

Fee $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

LEONARD FABER, of Shambo Rd., Havre, Montana
(Name of Appropriator)
(Address)
(Town)
County of
(State of Montana)

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

1. The beneficial use on which the claim is based
   - domestic use

2. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - 1942

3. The amount of groundwater claimed (in miner's inches or gallons 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. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   - hand cylinder pump

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - 1942

7. The depth of water table
   - 10 ft

8. The estimated amount of groundwater withdrawn each year
   - 18,000 gals

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

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

Signature of Owner

Date

Jan 2, 1962

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 DEFERRED.

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

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

Foot $2.00 ea.
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 Appropriafor) (Address) (Town) have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>ESE 4/7</th>
<th>T.29 R.17</th>
</tr>
</thead>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 2-17-60

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 7/3 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: None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: None

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 2-9-61, 2-12-60

8. The depth of water table: 39 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: None

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

11. The log of formations encountered in the drilling of each well if available: Blue clay, red rock

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: Rosa Thompson
Date: Oct. 28, 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 Appropriafor.
ROSA THOMPSON

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL
Filed at 1:10 o'clock P.M.
ON NOV 18 1963

Fee: $2.00 pd.
<table>
<thead>
<tr>
<th>Section</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location</th>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>5 Jan. 59</td>
<td>5 Jan. 59</td>
<td>18 T. 29 N.R. 17 3/4 sec. NW4 11 1/2 N</td>
<td>Drilled</td>
<td>Churn drill</td>
</tr>
</tbody>
</table>

**Type of Well**

- **Casing**: 0 ft. to 25 ft. Type: Steel, Size: 4 1/2 in. 0.0 D

**Water Use**

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

**Casing**

- 0 ft. to 25 ft.
- Type: Steel
- Size: 4 1/2 in. 0.0 D

**Perforated or Screened**

- Ft. to Ft. 20 ft.
- Ft. to Ft. 25 ft.

**Type of Screen or Perforations**

**Static Water Level**

- For non-flowing well: 18 feet

**Shut-In Pressure**

- For flowing well: 10 lb./sq. in. on: (date)

**Pumping Water Level**

- 20 feet at 10 gal. per min.

**How Tested**

- Pump

**Length of Test**

- 1 hr

**Remarks**

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

__________________________
(over)

School Field 1959 17
Mrs. Alvina Facer, Ed.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 25</td>
<td>Valley fill mostly gravel</td>
</tr>
</tbody>
</table>
DOCUMENT NO. 369634

SCHOOL DISTRICT #17
TO
THE PUBLIC

WATER WELL LOG

STATE OF MONTANA,
COUNTY OF HILL,
Filed at 12:00 o'clock.

ON JAN 1, 1959
G.O. Yeon
COUNTY CLERK

By
DEPUTY

THEodore
<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>33</td>
<td>John Phelan</td>
<td>g 1957</td>
<td>1244</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>John Phelan</td>
<td>359</td>
<td>1244</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>John Phelan</td>
<td>359</td>
<td>1244</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>John Phelan</td>
<td>1959</td>
<td>1244</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>John Phelan</td>
<td>1959</td>
<td>1244</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>John Phelan</td>
<td>1959</td>
<td>1244</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>John Phelan</td>
<td>1959</td>
<td>1244</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>John Phelan</td>
<td>1959</td>
<td>1244</td>
<td></td>
</tr>
</tbody>
</table>
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>John P. Holm</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Chino H.</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>RC Simpson</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>21117-2</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>18 Dec 58</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>31 Dec 58</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 32 T 29 R 17</td>
</tr>
<tr>
<td><strong>Type of well</strong></td>
<td>Churn drill</td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>Driller</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Stock</td>
</tr>
<tr>
<td><strong>Industrial</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Municipal</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Drainage</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Casing:</strong></td>
<td>ft. to ft.</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>Type</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>Size</td>
</tr>
<tr>
<td><strong>Perforated or Screened:</strong></td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td><strong>Type of screen or perforations:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Static Water level, for non-flowing well:</strong></td>
<td>feet</td>
</tr>
<tr>
<td><strong>Shut-in pressure, for flowing well:</strong></td>
<td>lb/sq. in. on: (date)</td>
</tr>
<tr>
<td><strong>Pumping water level:</strong></td>
<td>feet at gal. per min.</td>
</tr>
<tr>
<td><strong>How tested:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Length of test</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Remarks:</strong></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

**Remarks:** Gravel pack, 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>From</td>
<td>To</td>
</tr>
<tr>
<td>0 - 25</td>
<td>Water</td>
</tr>
<tr>
<td>35 - 100</td>
<td>Sandstone</td>
</tr>
<tr>
<td>100 - 150</td>
<td>Medium Sandstone (containing coal)</td>
</tr>
<tr>
<td>150 - 200</td>
<td>Light coal</td>
</tr>
<tr>
<td>200 - 250</td>
<td></td>
</tr>
<tr>
<td>250 - 300</td>
<td></td>
</tr>
<tr>
<td>300 - 350</td>
<td></td>
</tr>
<tr>
<td>350 - 400</td>
<td></td>
</tr>
<tr>
<td>400 - 450</td>
<td></td>
</tr>
<tr>
<td>450 - 500</td>
<td></td>
</tr>
<tr>
<td>500 - 550</td>
<td></td>
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<tr>
<td>550 - 600</td>
<td></td>
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<tr>
<td>600 - 650</td>
<td></td>
</tr>
<tr>
<td>650 - 700</td>
<td></td>
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<tr>
<td>700 - 750</td>
<td></td>
</tr>
<tr>
<td>750 - 800</td>
<td></td>
</tr>
<tr>
<td>800 - 850</td>
<td></td>
</tr>
<tr>
<td>850 - 900</td>
<td></td>
</tr>
<tr>
<td>900 - 950</td>
<td></td>
</tr>
<tr>
<td>950 - 1000</td>
<td></td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

<table>
<thead>
<tr>
<th><strong>Owner</strong></th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Driller</strong></th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Date Started</strong></th>
<th><strong>Date Completed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1-9-1958</td>
<td>2-8-1958</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Location</strong></th>
<th><strong>Sec</strong></th>
<th><strong>T</strong></th>
<th><strong>R</strong></th>
<th><strong>Sec</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>33</td>
<td>27</td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Type of well</strong></th>
<th><strong>Equipment used</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Churn drill, rotary, other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Water use</strong></th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Casing</strong></th>
<th>0 ft. to 45 ft.</th>
<th><strong>Type</strong></th>
<th><strong>Size</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Steel</td>
<td>4 ½ x 6 ½</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Casing</strong></th>
<th>45 ft. to 100 ft.</th>
<th><strong>Type</strong></th>
<th><strong>Size</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Perforated or Screened</strong></th>
<th>32 ft. to 150 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Type of screen or perforations</strong></th>
<th><strong>Length of test</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Static Water level, for non-flowing well</strong></th>
<th><strong>Shut-In pressure, for flowing well</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Pumping water level</strong></th>
<th><strong>How tested</strong></th>
<th><strong>Length of test</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>4 ft. at 4.0 gal. per min.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Remarks</strong></th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 12</td>
<td>lean sand</td>
</tr>
<tr>
<td>12 - 35</td>
<td>yellow clay</td>
</tr>
<tr>
<td>35 - 150</td>
<td>yellow sand</td>
</tr>
</tbody>
</table>

+ an occurrence
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td></td>
</tr>
<tr>
<td>Water use</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
</tr>
<tr>
<td>Casing: ft. to</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td></td>
</tr>
<tr>
<td>Casing: ft. to</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td></td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Water Well Log

### Owner:
John Phalen
Address: 411 No. 3rd St., Butte

### Driller:
J. C. Jensen
Address: 411 No. 3rd St., Butte

### Date Started:
Oct. 11, 1958

### Date Completed:
Dec. 13, 1958

### Location:
Sec. 34, T. 28 N., R. 17 W., Hill Co.

### Equipment Used:
Churn drill

### Type of Well:
Dug

### Water Use:
Stock

### Casing:
- Depth: 0 ft. to 27 ft.
- Type: 
- Size: 4 1/4 in.

### Type of Screen or Perforations:

### Static Water Level:
For non-flowing well: 13 feet

### Shut-In Pressure:
For flowing well: 75 lb./sq. in. on: Dec. 13, 1958

### Pumping Water Level:
75 feet at 9 gpm

### How Tested:
Badger test

### Remarks:
(Gravel packing, cementing, packers, type of shut-off; depth of shut-off)
Casing drain into solid rock at 37 ft.

---

John Phalen
(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 29</td>
<td>Decayed Volcanic Rock</td>
</tr>
<tr>
<td>29 - 95</td>
<td>Volcanic Rock</td>
</tr>
<tr>
<td>85 - 94</td>
<td>Vicisius Rock (Golden Yellow)</td>
</tr>
<tr>
<td></td>
<td>Water</td>
</tr>
</tbody>
</table>
**ERNEST O. LEE, DRILLING**  
1200 3rd Street  
Havre  
**WATER WELL LOG**  

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>John O. Lee</td>
<td>Havre</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. A. Lee</td>
<td>Havre</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 23</td>
<td>March 27</td>
</tr>
</tbody>
</table>

Location: Sec. 3B, T. 28N, R. 17E 3/4 sec.

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drill, bored, or drilled</td>
<td>churn</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Suction</th>
<th>Flow range</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5</td>
<td>to 7.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
</tr>
</tbody>
</table>

Static Water level, for non-flowing well: 15 ft.

Shut-in pressure, for flowing well: 15 lb. sq. in. on: (date)

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>Feet at</th>
<th>gal. per min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How tested: Recharge

Length of test: (hours)

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

John O. Lee
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 1</td>
<td>To 12</td>
</tr>
<tr>
<td>From 12</td>
<td>To 27</td>
</tr>
<tr>
<td>From 27</td>
<td>To 45</td>
</tr>
<tr>
<td>From 45</td>
<td>To</td>
</tr>
</tbody>
</table>
DOCUMENT NO. 386779

JOHN PHALEN
TO
THE PUBLIC

WATER WELL LOG

STATE OF MONTANA

COUNTY OF MILL

Filed at 8:40 o'clock a.m.

ON DEC 27 1961

G.C. YEON COUNTY CLERK

By DEPUTY

Fee $1.00 paid