TO THE PUBLIC

DECLARATION OF VESTED GROUND WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at 1 o'clock p.m.

ON DECEMBER 10, 1963

R. E. Bion
COUNTY 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)

NORTHERN MONTANA COLLEGE

(State of Appropriator)

County of Hill

1. Name of Appropriator

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, wells started production in 1929 and unused after 1929. Unused for all except for one well which reactivated in 1955.

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

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, approximately 16 acres of land groups on Northern Montana College campus.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   3 H.P. pumps in each well, only 2 wells active at present time.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   well originally sunk 1929, reactivated 1955.

8. The depth of water table
   75 feet.

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   8" casing, 112 ft. deep.

10. The estimated amount of groundwater withdrawn each year
    46 million gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
    however, with campus growth this could increase to ten (10) wells.

Signature of Owner

Date June 15, 1962

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

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

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

TO Northern Montana College, FROM G. C. Yeon
State Engineer, Helena Clerk & Recorder
School of Mines, Butte Havre

SUBJECT Declaration of Vested Groundwater Rights, Document No. 382288

MESSAGE DATE October 9, 1962

On the Instrument numbered 382288 please add section 5, Township 32N, Range 16E. Thank you.

SIGNED G. C. Yeon, by: Dr. B.

REPLY DATE

RETURN COPY

© FORM 44-902 U.S.A. RETAIN WHITE COPY, RETURN PINK COPY
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Robert A. Rouse
   (Name of Appropriator)
of 808 13th Street
   (Address) Havre
   (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: Domestic and Irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 19th and has been in continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 130,000 gallons per year.

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: August 1962.

8. The depth of water table: Wall is 110 feet deep and the water rose to about 60 feet from ground level.

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: 110 feet deep, 6 inch casing, jet pump with small electric motor and household pressure system.

10. The estimated amount of groundwater withdrawn each year: 130,000 gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Deed executed on record in the Hill County Clerk and Recorder Office: Document No. 19756, Dated Sept. 30, 1961,Filed Nov. 20, 1961; Book 25, Misc., Page 511.

Signature of Owner:

Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL

Filed at 11 o'clock A.m.

ON DECEMBER 3, 1963

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)

1. Eugene P. Stallcup of 636 6th St., Havre,
   (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: continuous use of well since 1947 for manufacturing commercial and food products, household use and irrigation of lawn.

3. Date of approximate date of earliest beneficial use; and how continuous the use has been. Well drilled and casing completed in 1947 and has been used continuously ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 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: 1/4 Section 31, T. 32 N., R. 16 E., M. Hill, County of Hill, State of Montana, owned by appropriator, Eugene P. Stallcup.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric jet pump inside building at 600 7th Ave., Havre, Mont., situated on S.W. 1/4 of Lot 12, W. 1/2 of Lot 18 and S.W. 1/4 of S.E. 1/4 of Lot 19, Block 9, Second Addition to Havre.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well commenced in late 1946 and completed in 1947.

8. The depth of water table: Approximately 35 feet below the surface of the ground.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well is approximately 85 feet deep and contains 6-inch casing from surface to bottom of well.

10. The estimated amount of groundwater withdrawn each year: 300,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available: Please see Exhibit "A" which is appended hereto.

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: Eugene P. Stallcup
Date: Jan. 23, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>THICKNESS</th>
<th>FORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>45</td>
<td>45</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>45</td>
<td>68</td>
<td>23</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>68</td>
<td>72</td>
<td>4</td>
<td>Gravel and Clay</td>
</tr>
<tr>
<td>72</td>
<td>79</td>
<td>7</td>
<td>Blue Grey Clay</td>
</tr>
<tr>
<td>79</td>
<td>85.5</td>
<td>3.5</td>
<td>Sand and Gravel</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Water</td>
</tr>
</tbody>
</table>
DOCUMENT NO. 397806

EUGENE P. STAILOCOP
TO
THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 11:10 o'clock A.M.
ON MAR 12 1962
G.C. YEON
COUNTY CLERK

FEE $2.00 - C Weber
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Anthony Anderson

1. Anthony Anderson, of East First Street, Havre.
   (Name of Appropriator)
   (Address) Havre
   (City) Havre
   (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: Domestic and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1956, and continuously since...

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: A tract of land in NE 1/4 SEC. 9, Township 32 N R 16 E M.P.M., particularly described in Book 91, Hill County Records, owned by...

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Centrifugal pump located at well head in tract described above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced and completed in 1956.

8. The depth of water table: Static water level 56 feet from top of casing in pit...

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: 124 foot well with 118.6 feet of casing, 6 in. O.D.

10. The estimated amount of groundwater withdrawn each year: 1,500,000 gallons.

11. The log of formations encountered in the drilling of each well if available: 0'-50' Yellow Sandy Till, 50'-53' Sandy Till or Sand, 53'-70' Blue Grey Clay, 70'-75' Clay and Gravel, 75'-120' Blue Grey Clay, 120'-124' Sand and Gravel and Water.

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: Water and log filed 12/11/61 as Document No. 386571, Hill County Records...

Signature of Owner: Anthony Anderson

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.
ANTHONY ANDERSON

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

FEE: $2.00 pd.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. 

(Name of Appropriator) 

(Address) 

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: Used in Manufacture of Beverages

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1938 - Continuous use since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Deep well on farm of 1965, N.W. View, house, unsual.

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: 45 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: 100 feet

10. The estimated amount of groundwater withdrawn each year: 2,060,000 gallons

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

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: [Signature]

Date: 8/29/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILLS
Filed at 10:30 A.M., Block A, Section 3
ON AUG 30 OF 1963

By

PEN: $2.00 pd.
Form No. 18
8-60

T. 32 N  R. 16 E

County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner  Choo, Dana  Address  1000 Park St.

Driller  R. H. Catchem  Address  701 7th St.

Date Started  June 1956  Date Completed  Jan 1956

Location:  Sec. 24  T. 32  R. 16 E  1/4 sec. N 1  W  1/4

Type of well

Equipment used

Water use:  Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other

Casing:  2 ft. to 12 ft.  Type  6 3/4-in. iron  Size  6 1/2 in.

Casing:  _____ ft. to _____ ft.  Type  _____  Size  _____

Casing:  _____ ft. to _____ ft.  Type  _____  Size  _____

Perforated or Screened:  Ft. _____ to Ft. _____  Ft. _____ to Ft. _____

Type of screen or perforations

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

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

Pumping water level:  66 ft. feet at  1,000 gal. per min.

How tested:  _____

Length of test  10 ft.

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

R. H. Catchem  (over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 50</td>
<td>Yellow Sandy T. sandstone fill</td>
</tr>
<tr>
<td>50 - 65</td>
<td>Sandy T. sand</td>
</tr>
<tr>
<td>65 - 70</td>
<td>Black T. clay</td>
</tr>
<tr>
<td>70 - 75</td>
<td>Clay T. sandclay</td>
</tr>
<tr>
<td>75 - 80</td>
<td>Black T. clay</td>
</tr>
<tr>
<td>80 - 120</td>
<td>Sand + T. sandstone</td>
</tr>
<tr>
<td>120 - 140</td>
<td>Sand + T. sandstone</td>
</tr>
</tbody>
</table>
DOCUMENT NO. 386572

CHAS. BRAKE JR.

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA,
COUNTY OF HILL
Filed at 10:30 o'clock A.M.

ON DEC 11 1961

G.C. YEON COUNTY CLERK

By DEPUTY

<table>
<thead>
<tr>
<th>Depth</th>
<th>Temperature</th>
<th>Pressure</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 ft</td>
<td>70°F</td>
<td>30 psi</td>
<td></td>
</tr>
</tbody>
</table>
Declarations of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriator: City of Havre
Address: City Hall
Town: Havre, Montana
County of: Hill
State of: Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1929 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 600 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: not applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1929

8. The depth of water table: 25 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:
   - 16 inch casing
   - 92 ft. deep
   - screened -- gravel wall

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

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

Available from Montana State Board of Health

Located on lot B, Block 4, Great Northern Addition

Signature of Owner: City of Havre
Date: Apr. 8, 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.
DEPARTMENT OF LABOR
TO THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA,)
COUNTY OF HILL
Filed at 2:30 'clock P.M.

City of Havre

395990

Fee: $2.00 pd.
WATER WELL LOG

<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>Domestic</td>
</tr>
<tr>
<td></td>
<td>Municipal</td>
</tr>
<tr>
<td></td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td>Irrigation</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
</tr>
<tr>
<td></td>
<td>Drainage</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
<tr>
<td>Casing: ft. to ft. Type</td>
<td></td>
</tr>
<tr>
<td>Casing: ft. to ft. Type</td>
<td></td>
</tr>
<tr>
<td>Casing: ft. to ft. Type</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened: ft. to ft.</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</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:</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:</td>
<td></td>
</tr>
</tbody>
</table>

Please note: This is a log for a water well, detailing various aspects such as the owner's information, the driller's information, date started and completed, location, type of well, equipment used, water use, casing details, static water level, shut-in pressure, pumping water level, and remarks. The form is used by the Montana Bureau of Mines and Geology to record and track well information.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 30</td>
<td>Tertiary Fill</td>
</tr>
<tr>
<td>30 to 58</td>
<td>Tertiary Sandy Clay</td>
</tr>
<tr>
<td>58 to 71</td>
<td>Tertiary Sandy</td>
</tr>
<tr>
<td>71 to 79</td>
<td>Sand and Silt</td>
</tr>
<tr>
<td></td>
<td>(continued)</td>
</tr>
</tbody>
</table>
DOCUMENT NO. 386572

ROY & JOSE OLSON

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA
COUNTY OF HILL

FILeD AT 1913 Deoook A.m.

ON DEC 11 1961

C. Y. E. N. COUNTY CLERk

By

COUNTY CLERk

DEP'T
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. C. Ornelae, of 1731-1, Haue

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 - Domestic

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: No claim has been made prior to Jan 1, 1962

4. The amount of groundwater claimed (in minor's inches or gallons per minute): N/A

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: N/A

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

7. The date of commencement and completion of the construction of the well(s), or other works for the withdrawal of groundwater: N/A

8. The depth of water table: Well about 65 ft deep

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: N/A

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

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

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

Signature of Owner: C. Ornelae
Date: Dec. 7, 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.
GEORGE C. OPSAL

TO

THE PUBLIC

DECLARATION OF VESTED GROUND WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 1:05 p.m., 1953

ON

Date: 9
1963

R. E. Bloom

Deputy

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

1. Gerald Haakenson
(Name of Appropriator)
County of Missoula
(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.

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

4. The amount of groundwater claimed (in inches or gallons per minute) __ gal/min.

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

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

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

8. The depth of water table. __ 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. Each drilled well 150 ft deep.

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

11. The logs 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: December 27, 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 RETURNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
GERALD RICHARDSON

to

THE PUBLIC

DECLARATION OF VESTED GROUND WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 2130 stock P.m.

3 JUNE 1862
O.C. Yea
COUNTY CLERK

Fees $2.00 pd.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(For appropriation of groundwater, see Chapter 237, Montana Session Laws, 1961)

Owner: Richard Rube
Address: Havre, Montana

Driller: Simpson Drilling Co.
Address: Havre, Montana

Date of Notice of appropriation of groundwater: October 25, 1964
Date completed: November 5, 1964

Type of well: Drilled
Equipment used: Cable tools
Water use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 19</td>
<td>128</td>
<td>0</td>
<td>199</td>
<td>XX</td>
<td>XX</td>
<td>XX</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
120 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 128 feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Batch

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)

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, state so, 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 Appropriate.
DOC. NO. 403575

RICHARD RUBIN

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

COUNTY OF HILL

filed at 1/25:30 clock, in

ON DEC 4 1964

COUNCIL CLERK

?1964
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

---

**1.** John P. Goehringer  
*(Name of Appropriator)*

**Box 895, Havre, Montana**  
*(Address)*

**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: human consumption, irrigation of lawn, garden & trees

**3.** Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1936, has been used ever since.

**4.** The amount of groundwater claimed (in miner's inches or gallons per minute): 8 or 10 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.

---

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

**Electric deep well pump, SESE 10-32-16**

---

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

**June 13, 1936 to June 23, 1936 or thereabout**

**8.** The depth of water table: 170' deep

**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 64' steel casing, 170' deep. Driller said he dropped 20' when he struck water, though it was an underground river, water raised 50' in hole.**

---

**10.** The estimated amount of groundwater withdrawn each year: 22,000 to 25,000 gal.

**11.** The log of formations encountered in the drilling of each well if available: *Log must have been sent in to the State by Robert J. McCutcheon. He has been dead for several years and I do not know if his wife would have a copy or not. The first 60 or 70' was clay and then around 100' of blue shale.*

---

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

See if you can locate R. J. McCutcheon's 1928.

---

**Signature of Owner:** John P. Goehringer  
**Date:** Dec. 10, 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.
JOHN J. COWLING

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL

Filed at 1 o'clock P.M.
on DEC 16 1963

R. E. Bloom
COUNTY CLERK

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

1. Charles Jeffels, of Big Horn, State of Mont
   County
   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: 
   Field & Stock Water

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 
   1945 - 1955

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

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

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 Appropriator.
397116

CHARLES SEIDEL

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at ______ o'clock ______ a.m.
ON DEC 31 1963

SHERIFF

RECEIVED 6.00 P.M.
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 RAY STANSON  
(Name of Appropriator)  

County of ____________  
(State of ____________

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

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

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been 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 Appropirator.
397629

HOWARD RAY EVANS

TO

THE PUBLIC

DECLARATION OFVESTED
GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

WITNESSES

ON DECEMBER 25, 1963

 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)  

STATE ENGINEER  

(Name of Appropriator)  
(Address)  
(Town)  

County  
State of  

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

2. The beneficial use on which the claim is based  

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

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

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

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

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

8. The depth of water table  

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

10. The estimated amount of groundwater withdrawn each year  

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

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


Signature of Owner  

Date  

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

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

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

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

20-2-1963

FEE $2.00 paid.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

1. (Name of Appropriator) (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

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

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

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

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.
PAYETTE C. MARTIN

TO

THE PUBLIC

DECLARATION OF VESSED
GROUNDWATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL,

Filed at 8 o'clock a.m.

FEE: $2.00 pd.
# MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

## WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. D. D. Dobbs</td>
<td>718 17th St.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simpson Drilling Co.</td>
<td>Butte, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/25/61</td>
<td>7/28/61</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>Major # of Eq</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16</td>
<td>23</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

### Type of well
- Drilled

### Equipment used
- Borehole, rotary, other

### Water use
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>193 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Perforated or Screened
- Ft. to Ft.
- Ft. to Ft.

### Type of screen or perforations

### Static Water level, for non-flowing well
- 90 feet

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

### Pumping water level
- 100 feet at 15 gal. per min.

### How tested
- Railed and pumped

### Length of test
- 2 hours

### Remarks
- Gravel packing, cementing, packers, type of shut-off, depth of shut-off

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>27</td>
<td>BROWN CLAY</td>
</tr>
<tr>
<td>27</td>
<td>83</td>
<td>BROWN SANDY CLAY</td>
</tr>
<tr>
<td>83</td>
<td>90</td>
<td>BLUE CLAY</td>
</tr>
<tr>
<td>90</td>
<td>102</td>
<td>BROWN CLAY</td>
</tr>
<tr>
<td>102</td>
<td>109</td>
<td>BROWN SAND AND GAS</td>
</tr>
<tr>
<td>109</td>
<td>175</td>
<td>BROWN CLAY</td>
</tr>
<tr>
<td>175</td>
<td>181</td>
<td>BLUE CLAY</td>
</tr>
<tr>
<td>181</td>
<td>187</td>
<td>BROWN SAND AND WATER</td>
</tr>
<tr>
<td>187</td>
<td>192</td>
<td>SAND GRAVEL AND WATER</td>
</tr>
<tr>
<td>192</td>
<td>193</td>
<td>GOOD GRAVEL AND WATER</td>
</tr>
</tbody>
</table>
DOCUMENT NO. 385271

MRS. ROBERT DOBBIE

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA
COUNTY OF HILL
Filed on .

ON SEP 18 1861

BY

Fee $1.00 paid
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
High School District No. 16

Address: 
HAVRE, MONTANA

Date of Notice of Appropriation of Groundwater: JANUARY

Date well started: JANUARY

Date Completed: MARCH 1963

Top of Ground
(Elev. above sea level: 2635)

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>Static Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10</td>
<td>Sandy Brown Clays</td>
<td></td>
</tr>
<tr>
<td>10-21</td>
<td>Gravel + Brown Clay Composite</td>
<td></td>
</tr>
<tr>
<td>22-36</td>
<td>Brown Sand + Gravel + Shale</td>
<td>228</td>
</tr>
<tr>
<td>35-53</td>
<td>Gravel + Water + 8 GPM</td>
<td></td>
</tr>
<tr>
<td>53-57</td>
<td>Sand + Gravel + Water + 20 GPM</td>
<td></td>
</tr>
<tr>
<td>57-69</td>
<td>Fine Sand + Silt</td>
<td></td>
</tr>
<tr>
<td>69-76</td>
<td>Brown Clay</td>
<td>722</td>
</tr>
<tr>
<td>76-80</td>
<td>Brown Clay + Pebbles</td>
<td></td>
</tr>
<tr>
<td>80-89</td>
<td>Gravel + Brown Clay Comp. Small Building</td>
<td></td>
</tr>
<tr>
<td>90-91</td>
<td>Brown Sand + Silt - Show of Water</td>
<td></td>
</tr>
<tr>
<td>10-109</td>
<td>Brown Sand + Silt-Trace of Gravel</td>
<td>Water</td>
</tr>
<tr>
<td>110-120</td>
<td>Mostly Gravel + Fine Sand</td>
<td></td>
</tr>
</tbody>
</table>

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

- **Static Water Level for non-flowing Well:** 28 feet
- **Shut-in Pressure for Flowing Well:** Not Applicable
- **Pumping Water Level:** 40.8 feet at 212 gal. per minute.
- **Discharge in gal. per min. of flowing well:** Not Applicable
- **How Tested:** Test Pump
- **Length of Test:** 22 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).

- **Area to Be Irrigated:** Consists of approximately 18 acres of turf at Havre High School Athletic Field with Sprinkler System
- **46**

Driller’s License Number

Driller’s Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
HAVRE PUBLIC SCHOOL-DIST. 16
HIGH SCHOOL DISTRICT "A"

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND-WATER APPOINTMENT BY MEANS OF WELL

STATE OF MONTANA,
COUNTY OF HILL

Filed at 8 o'clock A.M.

ON JUN 26 1963

R.E. BLOOM
COUNTY BLEAK

DEPUTY

FEE: $2.00 pd.
**Form No. 18**

8-60

**T. 32 N R. 16 E**

**County: Hill**

---

**RECEIVED**  SEP 11 1961

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

**STATE ENGINEER**

---

**WATER WELL LOG**

---

| Location: | Sec. 16 T. 32 N R. 16 E 1/2 sec. 5 W |

---

<table>
<thead>
<tr>
<th>Owner</th>
<th>Win LaSalle</th>
<th>Address: 6114 Woodland Dr.  Butte, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Ernest O. Lee</td>
<td>Address: 1200 3rd St. Butte</td>
</tr>
<tr>
<td>Date Started</td>
<td>August 15, 1960</td>
<td>Date Completed: August 20, 1960</td>
</tr>
</tbody>
</table>

---

**Type of well** Drilled Equipment used: Pump Drilled

---

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

**Casing:**
- 0 ft. to 62 ft. Type:  Size: 6 inch
- 62 ft. to 62 ft. Type:  Size:
- 62 ft. to 62 ft. Type:  Size:
- Perforated or Screened: 56 ft. to 62 ft.
- 62 ft. to 62 ft.
- Type of screen or perforations: 1/4 x 1/4
- Static Water level, for non-flowing well: 26 ft.
- Shut-in pressure, for flowing well:  lb./sq. in. on: [Lb/sq.in.]
- Pumping water level: 42 ft. feet at: 8 gal. per min.
- How tested: [Test Name]
- Length of test: [Time]
- Remarks: [(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)]

---

**62 feet drilling: casing @$ .75 per ft. = $ 46.50**

---

[Owner's Signature] [Wm. LaSalle]

---

(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></td>
<td>0</td>
<td>50</td>
<td>Salt</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>30</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>50</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td>62</td>
<td>Gravel - Course</td>
</tr>
</tbody>
</table>
WILLIAM LA SALLE
TO
THE PUBLIC

WATER WELL LOG

STATE OF MONTANA)
COUNTY OF HILL
Filed at 10:30 o'clock A.M.
ON SEP 8 1961
G. C. Yeon COUNTY CLERK
By DEPUTY
Fee $1.00 Pd.
Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

1. Harold A. Blair, of 1417 5th Ave. Havre,
   (Name of Appropriator)  (Address)  (Town)

   County of Havre  State of Montana

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

   2. The beneficial use on which the claim is based
      
   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      
   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      
   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
      
   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      
   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      
   8. The depth of water table
      
   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      
   10. The estimated amount of groundwater withdrawn each year
      
   11. The log of formations encountered in the drilling of each well if available
      
   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
      
   Signature of Owner: Harold A. Blair
   Date: 12-11-63

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

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

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

PROCLAMATION OF VACANT GROUND
WATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL
Filed at 11 o'clock A.M.

ON OCTOBER 2, 1963
R. E. Blom
GRANT W. BERK

Fees: $2.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: DINEEL
Address: RICE, MONTANA

Driller: P. CH. MILLER, CO.
Address: RICE, MONTANA

Date of Notice of appropriation of ground water: 1/13/66
Date well started: 1/22/66
Date Completed: 1/22/66

Type of well: Cased tools
Equipment used: Churn, drill, rotary or driven

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

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

<table>
<thead>
<tr>
<th>Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Size of</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Feet</td>
<td>Feet</td>
</tr>
<tr>
<td>7in.</td>
<td>6'/0 17V/8</td>
<td>600</td>
<td>25</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 □ pumped
Length of Test
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

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: 
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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: H. V. BASHEL
Address: SOUTH OF HAVRE, MONTANA

Driller: SIMPSON DRILLING CO.
Address: HEVRE, MONTANA

Date of Notice of appropriation of ground water: FEB. 13, 1968
Date well started: Feb. 13, 1968
Date well completed: FEB. 22, 1968

Type of well: CABLE TOOLS
Equipment used: DUG
Water use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>65/8 x 15Lbs</td>
<td>18&quot; A.G.</td>
<td>122&quot;</td>
</tr>
</tbody>
</table>

Well has a JOHNSON WELL SCREEN.
WELL has a JOHNSON WELL SCREEN.
HORIZONTAL METAL & LONG # 60 SLOT.
LOAD PACKER TOP & BAIL PRESS

Static Water Level for nonflowing well _______ feet

Shut-in Pressure for flowing well _______ psi

Pumping Water Level _______ feet above ground level
at 50 gal. per minute
Discharge in gal. per min. of flowing well _______ gal. per min.

How Tested _______ hours

Length of Test _______ 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]

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for appropriator.

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

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

Driller's Signature

This page contains a detailed record of a groundwater well's completion, including the type of well, equipment used, water use, and various measurements and tests performed. The diagram and grid at the bottom of the page illustrate the depth and location of the well, with each small square representing 10 acres. The form is designed to ensure that all pertinent information is recorded accurately and filed with the appropriate authorities.
GROUNDWATER APPROPRIATION

STATE OF MONTANA
COUNTY OF HILL

Filed at 4:00 o'clock P.M.
ON APR 30 1968.

By

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)

LOUIS J. FALTRINO, of RIDGE ROAD, HAVRE

County of __________________________ State of MONTANA

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

1. The beneficial use on which the claim is based.
   HOUSE AND LIVESTOCK

2. The date or approximate date of earliest beneficial use.
   MAY 15, 1946

3. Date or approximate date on which the use has been continuous.
   EVERY DAY

4. The amount of groundwater claimed in minor's inches or gallons per minute.
   18 GALLER 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.

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 construction of the well, wells, or other works for withdrawal of groundwater.
   MAY 15, 1946

8. The depth of water table.
   110 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.
   DEEPWELL CASING: STEEL - 4 1/2 IN. PERFORATED 1/2" Holes, 10 1/2" PIPE

10. The estimated amount of groundwater withdrawn each year.
    310 GALL. DAY / 109,520 GALL. ACRE-

11. The log of formations encountered in the drilling of each well if available.
    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: DECEMBER 23, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
398911

LOUIS J. TALAMINO

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS.

STATE OF MONTANA,
COUNTY OF HILL,
Filed at 9 o'clock A.M.
On

1963

Pct. $2.00 pd.
**MONTANA BUREAU OF MINES AND GEOLOGY**

**State of Montana**

**WATER WELL LOG**

**Owner:** [Signature]

**Address:** [Address]

**Driller:** [Name]

**Address:** [Address]

**Date Started:** 1-11-58

**Date Completed:** March 1958

**Location:** Sec. [Section] T. [Township] R. [Range] 1/4 sec. [Quarter Section]

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>16 ft. to</th>
<th>17 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>to 60 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>to</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

| Type of screen or perforations: | |
|---------------------------------| |

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>7.0 feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb./sq. in. on: (date)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level:</td>
<td>34 feet at 15 gal. per min</td>
</tr>
</tbody>
</table>

| How tested: | |
|-------------| |

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>5 ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<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 - 29</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>29 - 35</td>
<td>Sandy Clay (Some water)</td>
</tr>
<tr>
<td>35 - 56</td>
<td>Yellow Tuff Clay or Tuff</td>
</tr>
<tr>
<td>56 - 65</td>
<td>Blue Tuff Clay</td>
</tr>
<tr>
<td>65 - 97</td>
<td>Blue Tuff Clay with Tuff (Solid)</td>
</tr>
<tr>
<td>97 - 112</td>
<td>Blue Tuff Clay</td>
</tr>
<tr>
<td>112 - 114</td>
<td>Sand and Gravel</td>
</tr>
<tr>
<td>114 - 117</td>
<td>Sand and Gravel (Wet)</td>
</tr>
</tbody>
</table>
E. J. Ober

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA
COUNTY OF HILL

Filed April 29th, 1958
at 10:10 a.m.

G. O. Yerch
COUNTY CLERK

[Handwritten text not legible.]
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Robert G. Rendall, Box 1047, Havre, MT
   (Name of Appropriator) (Address) (Town)
   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 and lawn use.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1947

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Shallow well, 50 ft.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1947

   8. The depth of water table: 78 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: 11 ft.

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

   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: R.G. Rendall
   Date: 12/7/63

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.
R. G. RANDALL

TO

THE PUBLIC

DECLARATION OF VESTED GROUND WATER RIGHTS

STATE OF MONTANA
COUNTY OF BILL
Filed at 2:15 o'clock P.M.
ON DEC 3 1963
R. E. Blum
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)

James Joseph Van De Putte
of 1511 Fifth Avenue
Ennis
County of
State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based:
   household use, lawn and gardens

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   August 1, 1930, with continuous use

3. The amount of groundwater claimed (in miner's inches or gallons per minute):
   50 GPM, 1800 gallons per hour

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:
   Not applicable

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Electric jet pump on one well under house

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   commenced July 14, 1950, completed August 1, 1950

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

8. The estimated amount of groundwater withdrawn each year:
   500,000 gallons per year

9. The log of formations encountered in the drilling of each well if available:
   Not applicable

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:
   Not applicable

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.
JAMES JOSEPH VAN DE PETE

TO

THE PUBLIC

DECLARATION OF Vested Ground Water Rights

STATE OF MONTANA
COUNTY OF BILL

Filed at 1:05 o'clock P.M.

ON JUN 24 1963

R. E. Blom

COUNTY OF BILL

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)

1. Selina D. F.A.F. Varner, of 730-12 St., Havre

(State of Appropriation) (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: household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Dec. 1st, 1968 constant use

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

5. If used for irrigation, give the average 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: pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: September 1968

8. The depth of water table: fifty feet

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: drilled four inch, one hundred, ten feet

10. The estimated amount of groundwater withdrawn each year: 250,000 gallons

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

- 30 foot clay - 15 feet chalk-sand
- surface water - 60 feet gravelly clay & sands
- 2 foot shale - hard rock - 6 foot water gravel

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

Signature of Owner: A. F. Varner
Date: Dec. 21, 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.