### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>top soil</td>
</tr>
<tr>
<td>0 - 1</td>
<td>yellow clay</td>
</tr>
<tr>
<td>1 - 6</td>
<td>gravelly clay</td>
</tr>
<tr>
<td>6 - 15</td>
<td>sandy clay, some boulders</td>
</tr>
<tr>
<td>15 - 28</td>
<td>sandy clay, some gravel</td>
</tr>
<tr>
<td>28 - 36</td>
<td>clay, yellow, fat</td>
</tr>
<tr>
<td>36 - 47</td>
<td>sandy clay, yellow</td>
</tr>
<tr>
<td>47 - 52</td>
<td>black sand, some water</td>
</tr>
<tr>
<td>52 - 54</td>
<td>sand and gravel mix</td>
</tr>
<tr>
<td>54 - 56</td>
<td>coarse gravel, black, water</td>
</tr>
</tbody>
</table>

*well completed*
DOCUMENT NO. 368233

LEE BLAIR

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA)
COUNTY OF HILL
Filed allco. o'clock a.m.

ON OCT 15 1958
G. C. Yaxon
COUNTY CLERK

By——— DEPUTY

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>clay, yellow, fat</td>
</tr>
<tr>
<td>36</td>
<td>sandy clay, yellow</td>
</tr>
<tr>
<td>47</td>
<td>black sand, some water</td>
</tr>
<tr>
<td>52</td>
<td>sand and gravel mix</td>
</tr>
<tr>
<td>54</td>
<td>coarse gravel, black, water</td>
</tr>
<tr>
<td>54</td>
<td>well completed</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

, Leslie L. Blair
(Name of Appropriator)

, of Box 1595
(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. Sept. 1, 1959.

... continual since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof one half (1) acre; for garden and grass.

Leslie L. Blair

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

Jet-pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 25, 1958—finished September 27, 1958.

8. The depth of water table 38 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 don't apply

10. The estimated amount of groundwater withdrawn each year 40,000 gallons

11. The log of formations encountered in the drilling of each well if available.0 feet—top soil 1 ft. = yellow clay; 6 ft. gravelly clay; 15 ft. sand-cobble; 28 ft. sand-cobble, coarse gravel, yellow; 36 ft. clay; 47 ft. sand-cobble, yellow; 52 ft. black sand, silt-water; 54 ft. sand-coarse gravel, black, well completed

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA,)
COUNTY OF HILL,

Filed at 10 o'clock, P.M.
ON Oct 23 1963

R.E. Blom
COUNTY CLERK

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

I, [Name of Appropriator], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. [Name of Appropriator] (Address) (Town) County of [County] State of Montana

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.

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: __________________________
Date: __________________________

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

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

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

STATE OF MONTANA
COUNTY OF HILL

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

ON JAN 10 1962

G. C. YEON
COUNTY CLERK

By

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

NAME OF APPLICATOR: [Name of Approporator]
ADDRESS: [Address]
COUNTY: [County]
STATE: [State]

I 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 minor's inches or gallons per minute):

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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

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

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

Signed Dec. 30, 1963

The Owner

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

1. H.L. Black, of Box 1484
   (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
      House, 11ch, garage, and
      garden trees.

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
      1916 - 1934, again in
      1953, continuous since

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      60 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:

   7. The date of commencement and completion of the construction of the well, wells, or
   other works for withdrawal of groundwater: 1916

   8. The depth of water table:
   20 feet

   9. So far as it may be available, the type, size and depth of each well or the general
   specifications of any other works for the withdrawal of groundwater:
   10. The estimated amount of groundwater withdrawn each year:
      12 million gallons

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

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

   Signature of Owner: H.L. Black
   Date: 12-30-63

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 RE-
TURNED.

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

STATE OF MONTANA
COUNTY OF BILL
Filed on

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. Margaret Turner Clack Trusts
   of
   Box 71
   Havre
   (Name of Appropriator)
   (Address)
   (Town)
   County of
   State of
   Hill
   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, livestock and garden irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since then:
   1939 and continuously since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   250 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:
   NE ¼, NW Sec 24, T. 32 N., R. 15 E.
   Owner-Appropriator

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Submersible pump located on NE ¼ of Section 24, Township 32 North, Range 15 East M.P.M.

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 1939.

8. The depth of water table:
   Water level about 70 feet from surface.

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 125 feet deep with 10 inch casing.

10. The estimated amount of groundwater withdrawn each year:
    800,000 gallons

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

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

MARGARET TURNER CLACK TRUSTS
Signature of Owner
Agent
Date December 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.
MARGARET TURNEK CLOCK TRUSTS

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF [STATE]
COUNTY OF [COUNTY]

Filed at [Filing Date]

FEE: $2.00 pd.
**WATER WELL LOG**

**MONTANA BUREAU OF MINES AND GEOLGY**

**Butte, Montana**

**STATE ENGINEER**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Walter Rinz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Havre, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Simpson Drilling Co</td>
</tr>
<tr>
<td>Address</td>
<td>Havre, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>November 1, 1961</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Completed</td>
<td>Nov. 30, 1961</td>
</tr>
</tbody>
</table>

| Location: | Sec. 25  T. 32  R. 15  
|-----------|------------------------------------------|

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>910</td>
<td>T &amp; O</td>
<td>4 inch</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></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>
<tbody>
<tr>
<td></td>
<td>770</td>
<td>900</td>
</tr>
</tbody>
</table>

Type of screen or perforations: Drilled 3/16 holes

- **Static Water level, for non-flowing well:** 250 feet
- **Shut-in pressure, for flowing well:** 220 lb/sq. in. (date)
- **Pumping water level:** 520 feet at 3 gal. per min.

**How tested:** Taller

**Length of test:** 4 hours

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

placed two rubber packers above the perforations

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>top soil</td>
</tr>
<tr>
<td>1</td>
<td>gravel clay &amp; boulders</td>
</tr>
<tr>
<td>10</td>
<td>sandy brown clay</td>
</tr>
<tr>
<td>24</td>
<td>blue clay</td>
</tr>
<tr>
<td>41</td>
<td>dark grey shale</td>
</tr>
<tr>
<td>105</td>
<td>dark shale</td>
</tr>
<tr>
<td>224</td>
<td>very-hard-and-sandy (Judith River Formation)</td>
</tr>
<tr>
<td>350</td>
<td>sandy grey shale, hard and abrasive</td>
</tr>
<tr>
<td>660</td>
<td>sandy grey shale, hard streaks</td>
</tr>
<tr>
<td>690</td>
<td>hard grey shale</td>
</tr>
<tr>
<td>725</td>
<td>rock layer</td>
</tr>
<tr>
<td>729</td>
<td>rock layer</td>
</tr>
<tr>
<td>727</td>
<td>grey shale</td>
</tr>
<tr>
<td>729</td>
<td>sandstone</td>
</tr>
<tr>
<td>737</td>
<td>rock-layer</td>
</tr>
<tr>
<td>752</td>
<td>sandstone and shale layers</td>
</tr>
<tr>
<td>755</td>
<td>rock layer</td>
</tr>
<tr>
<td>756</td>
<td>sandstone and shale layers</td>
</tr>
<tr>
<td>812</td>
<td>rock layer</td>
</tr>
<tr>
<td>815</td>
<td>sandstone and shale layers</td>
</tr>
<tr>
<td>900</td>
<td>dark shale (canyon shale)</td>
</tr>
</tbody>
</table>
WALTER DION
TO
THE PUBLIC

WATER WELL LOG

STATE OF MONTANA,
COUNTY OF HILL
Filed at 11:00 a.m.
ON
DEC 6 1961
G.C. TECN
COUNTY CLERK
By
DEPUTY

Fee $1.00 paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Paul J. Kuhr, of Box 1575, Havre
County of Hill State of Montana

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

1. Area irrigated

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

3. Date or approximate date of earliest beneficial use: 1899 and continuously since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 3 acres in NW¼ of Sec. 25, T. 32 N., R. 15 E., Range 15 East M.P.M. Owner: Paul J. Kuhr

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: None

8. The depth of water table: 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: Not applicable

10. The estimated amount of groundwater withdrawn each year: 2,200,000 gallons

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

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: Paul J. Kuhr
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.

26570
PAUL J. KUHR

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDMATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at Hill office 2/2/63.

ON 2/2/1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater: FEB 15, 1964

Date well started: FEB 15, 1964

Date well completed: MARCH 15, 1964

Type of well: DRILLED

Equipment Used: Cable Tool Rig

Top of Ground
(Elev. above sea level: 3160)

Top & Subsoil

Brown Clay

Brown Clay (Sandy)

Brown Sand - Water

Coarse Gravel (up to 2-3 inch in diameter)

Coarse + Fine Sand

Sand + Gravel

Water

Grey Clay Below Gravel Vein

Static Water Level for non-flowing Well: 12 feet

Shut-in Pressure for Flowing Well: Not Applicable

Pumping Water Level: 28 feet at 270 gal. per minute

Discharge in gal. per min. of flowing well: Not Applicable

How Tested: Test Pump

Length of Test: 20 Hours

Remarks: (Gravel packing, cementing, packers, type of shutdown, 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)

To Be Used for Irrigation of Approximately

80 ACRES, 90 YARDS OR ½ MILE ROUNDED

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.
NOTICE OF COMPLETION OF GROUND
WATER APPROPRIATION BY MEANS
OF WELL

STATE OF MONTANA
COUNTY OF HILL
Filed at 5:00 o'clock p.m.
ON APR 16 1964

Pos: 62.00 a. State.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater: ____________________________


Type of well: Drilled. Equipment used: Cable Tool Rig.

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From Feet</th>
<th>To Feet</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>10” I.D.</td>
<td>5/8” PER FT.</td>
<td>0</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>10” Screen</td>
<td></td>
<td>67</td>
<td>67</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 45.3 feet.

Shut-in Pressure for flowing well: Not Applicable.

Pumping Water Level: 56 feet at 120 gal. per minute.

Discharge in gph. per min. of flowing well: Not Applicable.

How Tested: Test Pump. Length of Test: Less than 24 hours.

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

Used for Irrigation of Approx. 40 Acres

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.
NOTICE OF COMPLAINT
OF
WATER APPROPRIATION IN YEARS OF
1900

STATE OF MONTANA,
COUNTY OF HILL

Filed at 8 o'clock a.m.

ON APRIL 16, 1900.

R. E. BLOM

Pete's 20 c. State
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started May 1945, completed Sept 1945 

8. The depth of water table: 22 ft. below surface 

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 ft. deep 

10. The estimated amount of groundwater withdrawn each year: 749.000 gallons 

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

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

Signature of Owner: John Eubank

Date: Dec 22, 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 12345

TO

THE PUBLIC

DECLARATION OF TAKEN
GRANDMOTHER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL
Filed at 1:00 o'clock, A.M.
ON 2. 20 1963

COUNTY CLERK

DEPUTY

FELA 12,000 ft.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962 (Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

STATE OF MONTANA
Owner/Operator
Address Star Re.30
HARVEY, MONTANA

Date well started April 20, 1970
completed April 21, 1970

Type of well DRILLED

Equipment used Cable Tool Rig

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Driller’s Log

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

<table>
<thead>
<tr>
<th>Depth (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
</tr>
<tr>
<td>18.0</td>
</tr>
<tr>
<td>26.0</td>
</tr>
</tbody>
</table>

Driller’s Signature

[Signature]

Driller’s Address

Harvey, Montana 59523

License No. 24

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

Each small square represents 40 acres.

Driller’s Address

1113 6th St. No.

Phone 965-9410

Harvey, Montana 59523

License No. 24
428338

NORTH MONTANA BRANCH STATION

TO

THE PUBLIC

WATER WELL

STATE OF MONTANA
COUNTY OF HILL
Filed at 10:45 o'clock A.M.
ON JUN 26 1973
R. E. Bloom
COUNTY CLERK
BY

Fee: $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Dec. 31, 1962

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or
   other works for withdrawal of groundwater
   Sept. 24, 1962

8. The depth of water table
   15 ft.

9. So far as it may be available, the type, size and depth of each well or the general
   specifications of any other works for the withdrawal of groundwater
   Dig. wells - 44 ft. X 15 ft. deep.

10. The estimated amount of groundwater withdrawn each year
    1,000 gal.

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

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

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 RE-
RETURNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; Triplicate to
the School of Mines and Quadruplicate for the Appropriator.
397183

MARIAN G. THILL

TO

THE PUBLIC

DECLARATION OF VISED
GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed on [Date]

ON [Date] 1963

[Signature]
[Position]

FEE: $2.00
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of appropriation of ground water: [Date]

Number of acres: [Number]

Type of well: [Type]
Equipment used: [Equipment]

Water use: [Use]

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

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropiator.
ADOLPH GAR DIN G

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF HILL

Filed at 1:30 o'clock A.M.

AUG 18 1971

Fee $2.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level)

Owner: LLOYD AND PH Address: HA. PF
Driller: ERNEST C. LEE Address:

Date of Notice of Appropriation of Groundwater
Date well started: AUG. 4, 1961
Date completed: AUG. 9

Type of well: DRILLED Equipment Used: CHURN
(dug, driven, bored or drilled)

Water Use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>7</td>
<td>0</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>6 1/2</td>
<td>5 1/2</td>
<td>0</td>
<td>6 2</td>
<td></td>
</tr>
</tbody>
</table>

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

Remarks: (Gravel packing, cementing, packers, type of 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.

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 the Appropriator.

1970.
BOYD RANDOLPH

to
THE PUBLIC

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION BY MEANS OF WELL

STATE OF MONTANA
COUNTY OF HILL
Filed at 11:40 clock P.M.
on AUG. 14, 1962
A. C. Yeon
COUNTY CLERK

By ________________ DEPUTY

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: K. E. Waldrip
Address: 2066, Name. Montana

Contractor (if any)

Address of Contractor

Date Started: Nov 27, 63. Date Completed: Nov 27, 63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Deepen* hole, 9 Ft Deep

Curb, 6 Ft; By 5 Ft, 9 Ft. Long. Curb *Made of lumber, 2 Ft G W* Water

in Hole When 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. *Lost*

3 months, 30,000 gal

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

Signature of Owner: K. E. Waldrip
Date: Dec 14, 63

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.

11546.
Notice of Completion of Appropriation of Groundwater Victim Well

STATE OF MONTANA
COUNTY OF HILL
Filed at __ o'clock P.M.

ON DECEMBER 19, 1963

H. E. Flinn
COUNTY DEPUTY

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

(Under Chapter 237, Montana Session Laws, 1961)

**Owner**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Driller**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Top of Ground**

<table>
<thead>
<tr>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sandy brown clay</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Loam sandy brown clay</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gravel or volcanic igneous rock</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gravel or soil, pebbles, sand, silt, or clay</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gravel, sand, or clay, stone, or rock</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Clay or other material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

---

**Notice of Completion of Groundwater Appropriation by Means of Well**

Date of Notice of appropriation of ground water

---

**Type of well**

<table>
<thead>
<tr>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

Equipment used:

<table>
<thead>
<tr>
<th>Churn, drill, rotary or other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

**Water use**

<table>
<thead>
<tr>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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 depths at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

---

**Site and Weight of Casing**

<table>
<thead>
<tr>
<th>10&quot;</th>
<th>7&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Static Water Level for non-flowing well**

---

**Pumping Water Level**

---

**Shut-in Pressure for Flowing Well**

---

**Discharge in gal. per min. of flowing well**

---

**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) Divine conditions of bottom to show water table, gravel, gravel, sand, silt, pebbles, clay, etc.

**Length of Test**

---

**Remarks**

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: North Montana Dr. Address: Turtle Lake, Montana

Driller: Simpson Drilling Co. Address: Malta, Montana

Date of Notice of appropriation of ground water

Date well started: Nov. 25, 1962
Date Completed: Dec. 5, 1962

Type of well: Drilled
Equipment used: Churn
(dug, driven, bored or churn, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Depth of Drilled Hole</th>
<th>Use of Water</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Hole</th>
<th>Drilled in (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ft.</td>
<td>7 ft.</td>
<td>0</td>
<td>7</td>
<td>5/16 in.</td>
<td>50 in.</td>
</tr>
<tr>
<td>7 ft.</td>
<td>6 5/16 in.</td>
<td>3 7 7/8 in.</td>
<td>69 in.</td>
<td></td>
<td></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

Length of Test: 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation) Caving conditions of loose sand, silt above water strata, muddy filled with peat.

Driller's License Number

Driller's Signature

Show exact depth of bottom.

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

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

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

(under Chapter 237, Montana Session Laws, 1961)

1. Adolph Earing, of Box 1307, Havre, has appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

   (Name of Appropriator)

   (Address)

   County of Hill, State of Montana

   2. The beneficial use on which the claim is based

      Households, Showers for Campgrounds

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

      1959

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

      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

      1 ACRE GARDEN AS NEEDED

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

   NW 1/4 NE 1/4 Sec 32, Twp 15, R 15

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

      Electric Pump

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

      1959

   8. The depth of water table

      8 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

      80 ft.

   10. The estimated amount of groundwater withdrawn each year

      300,000

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

      None

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

      None

   Signature of Owner

   Date

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.

Date

31050
396979

ADOLPH GANDING

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF BILL

Filed on 32.00 pd

FEB: 32.00 pd.
Form No. 18
8-60

T. 32 N  R. 15 E
County  Hill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
STATE ENGINEER

Owner North Montana Branch Station
Address Havre, Montana
Ernest O. Lee—Contractor
1200 3rd St., Havre, Mont.
Driller Herbert Freier
Address 221 N State St., Havre.

Date Started October 10, 1961  Date Completed October 12, 1961

Location: Sec. 29 T. 32 R. 15 1/4 sec. NE 1/4 of 29

<table>
<thead>
<tr>
<th>Type of well Drilled</th>
<th>Equipment used</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>October 10, 1961</td>
<td>October 12, 1961</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></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 37 ft.</th>
<th>Type Spang-seamless</th>
<th>Size 7&quot; OD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. 33 to Ft. 37</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>1/4&quot; x 6&quot; perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>2 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>1 lb./sq. in. on:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(lbs)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>28 feet at 15 gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Salter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
<th>1 1/2 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravel packed outside casing for entire depth of well. 65 GPM output restricted to 15 GPM by gravel packing and limited perforations to eliminate sand problem.</td>
</tr>
</tbody>
</table>

Handwritten: Engineer's Seal

Handwritten: (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Sandy Brown Clay—Gravel Seams</td>
</tr>
<tr>
<td>26</td>
<td>Gray Clay</td>
</tr>
<tr>
<td>31</td>
<td>Sand and Gravel—Water 65 gal. per min.</td>
</tr>
<tr>
<td>WATER WELL LOG</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**STATE OF MONTANA**

**COUNTY OF HILL**

Filed at 9:15 o'clock A.M. on OCT 30, 1961

G.C. YEHN  
COUNTY CLERK

By  
DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Montana Agricultural Experiment Station, of Montana State College, Bozeman
(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: Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: October, 1961 Grazing season

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 12 gal. per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 10 to October 12, 1961

8. The depth of water table: 28 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: 7 inch casing, Static level-9 feet, Pumping level-28 feet at 15 gal. per min.

10. The estimated amount of groundwater withdrawn each year: Unable to determine

11. The log of formations encountered in the drilling of each well if available: 0-26 feet, sandy brown clay-gravel seam, 26-31 feet, grey clay, 31-57 feet, sand and gravel, water 63 gal. per min.

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: Not applicable

Montana Agricultural Experiment Station
Signature of Owner: J. A. Asleson, Director

By: J. A. Asleson, Director
Date: December 12, 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; Quadruplicate for the Appropriator.
MONTANA AGRICULTURAL EXPERIMENT STATION

TO

THE PUBLIC

DECLARATION OF UNITED STATES
WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
DISTRICT OF

ON DECEMBER 17, 1963

R. E. Blom
COUNTY SURVEYOR

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)

Montana Agricultural Experiment Station of Montana State College

(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:

1. Name of Appropriator

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: November 23, 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 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: Not applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 30, 1930

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: 85 feet deep, 6" casing

10. The estimated amount of groundwater withdrawn each year: Not estimable

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: Not applicable

Montana Agricultural Experiment Station

Signature of Owner

By: J. A. Alleson, Director

Date: December 12, 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 Appropiator.
3962598

UNIT, AGRIC. Exp. STATION

TO

THE PUBLIC

DECLARATION OF WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

11:00 A.M., 27th April 1963

R. E. Bloom,
COUNTY CLERK

Fee: $2.00 paid
Notice of Completion of Groundwater Appropriation by Means of Well

Under Chapter 237, Montana Session Laws, 1961

Owner: Jess Gottlieb  Address: South Havre, Montana

Drilled: Simpson Drilling Co.  Address: Malta, Montana

Date of Notice of appropriation of ground water

Date well started 3/29/54  Date Completed 4/1/64

Type of well drilled
(dug, driven, bored or churn, drill, rotary or other)

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

Indicate the character and thickness of the different strata met with in drilling, such as soil, clay, 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>
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<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
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<td>6&quot;</td>
<td>5&quot; 15lb</td>
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<tr>
<td>5&quot;</td>
<td>4&quot; 9LBS</td>
<td>68</td>
<td>155</td>
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Static Water Level for non-flowing well
60 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 70 feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pumped

Length of Test 5 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, 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.

35444
Doc. No. 398581

GOTTLIEB JESS

TO

THE PUBLIC

NOTICE OF COMPLETION OF
GROUNDWATER APPROPRIATION
BY MEANS OF YELL

STATE OF MONTANA
COUNTY OF MILL
Filed on 11:30 o'clock A.M.
ON APR 24 1964

R. E. ELAM
COUNTY CLERK

Fees: $2.00 Paid
Notice of Completion of Groundwater Appropriation Without Well (Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Not applicable

Montana Agricultural Experiment Station, Montana State College, Bozeman

Contractor (if any): not applicable

Address of Contractor: not applicable

Date Started: Date Completed: Not applicable

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

Natural spring.

Wooden box and pipe to trough used for stockwater.

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.

Used year round. Flow 1 gallon per minute.

NE. 1/4, Sec. 22, T. 32 N., R. 15 W.

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

Montana Agricultural Experiment Station

Signature of Owner: By J. A. Melson, Director

Date: December 12, 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.
MONTANA AGRICULTURAL EXP. STN.

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION WITHOUT WELL

STATE OF MONTANA,

COUNTY OF BILL

Filed at 1 p.m. on 1963

By R. E. Bland, County Clerk

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)

Mrs. Frank Kessler
(of Chinook, Montana)

County of ______ State of Montana

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

1. Name of Appropriator
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 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 Appropriatee.
397027

MRS. FRANK KESSLAR

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at 7 o'clock m.

ON DEC 30 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. William A. Robertson, of Box 924, Shepherd, 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
   HOUSEHOLD & GARDEN

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1953 - CONTINUOUS USE

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   GARDEN 14 - ACRE
   WILLIAM A. ROBERTSON

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

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

8. The depth of water table
   2-6 FT. ABOVE SPRING WELLS

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
   DEEP WELL 6'-11'

10. The estimated amount of groundwater withdrawn each year
    24 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

   FEET ABDERSON POINT 1/1 LOT 2/A

   Signature of Owner: WILLIAM A. ROBERTSON
   Date 12/24/63

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 Wash. locate for the Appropriator.
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DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 23, Montana Session Laws, 1961)

1. [Name of Appropriate] of [Address] (Town) County of [County] 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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

Original to the County Clerk & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
397221

VIVIAN WILLIAMS

TO

THE PUBLIC

DECLARATION OF VIVIAN WILLIAMS

GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at 12:00 p.m. on 31.1.1963

ние: 02.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. William Williams, of Box 334, Lima, State of 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:

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
   (June 1, 1928)

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   (June 1, 1928)

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
   (200 ft)

10. The estimated amount of groundwater withdrawn each year
   (30,000 gal)

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

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

Signature of Owner

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.