WATER WELL LOG

Owner: AMOSCNE I TRUEHAN Address 916 ROUNDUP
Driller: AMOSCE I TRUEHAN Address 916 ROUNDUP
Date Started: 5-24-1961 Date Completed: 5-27-1961
Location: Sec. 16 T. 27 R. 8 1/2 sec. N 1/2 W 1/2

Type of well: DRILL
Equipment used: CHURN

Type of use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ]

Casing: 65' ft. to 65' ft. Type: NEW 1/2" Size: 6'
Casing: ______ ft. to ______ ft. Type: ______ Size: ______
Casing: ______ ft. to ______ ft. Type: ______ Size: ______

Perforated or Screened: Ft. 65'-55' to Ft. 65'. Ft. ______ to Ft. ______

Type of screen or perforations: Perforated by cutting slots

Static Water level, for non-flowing well: 33\' from top feet.
Shut-in pressure, for flowing well: ______ lb/sq. in. on: ______

Pumping water level: 32\' feet at 15\' gal. per min.

How tested: By Bailing

Length of test: 31 days, until all water was pumped out

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>16'</td>
<td></td>
<td>Top Soil</td>
</tr>
<tr>
<td>16</td>
<td>24'</td>
<td></td>
<td>Sand Rock</td>
</tr>
<tr>
<td>24</td>
<td>31'</td>
<td></td>
<td>Shale</td>
</tr>
<tr>
<td>31</td>
<td>59</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>59</td>
<td>60</td>
<td></td>
<td>Rock</td>
</tr>
<tr>
<td>60</td>
<td>65</td>
<td></td>
<td>Water Sand</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Lawrence Trudex
Address

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

Electric Pumps

The opening is 6 ft deep, 12 ft wide, 10 ft long.

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.

In use

Signature of Owner Lawrence Trudex
Date Dec 31 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.
STATE OF MONTANA,
MUSKEGON COUNTY,

FILED THIS 31 DAY OF
DEC. A.D. 1963
AT 5:30 O'CLOCK P.M.

R. H. MATZKE
COUNTY RECORDER

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

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

Date of Appropriation: April 1, 1960
Owner: Russell Churchill, Roundup, Mont.
Contractor (if any): None
Address of Contractor: None
Date Started: Unknown; Date Completed: Unknown

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

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.

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

Signature of Owner: Russell Churchill
Date: Dec. 31, 1943

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

Owner: Nels Bruhn-Anderson
Address: DEERHORN STAR RT
Roundup, MT
Date well started: EXISTING, Depth of Record
Date well completed: GW 1, 12-30-1962

Type of well: UNKNOWN
Equipment used: UNKNOWN
Water Use: Domestic [X] Municipal STOCK [X] Irrigation [X]
Industrial [X] Drainage [X] Other [ ] Garden/Lawn [X]

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

**USE:** If used for irrigation, industrial, drainage or other. Explain.

ESTIMATED ANNUAL WITHDRAWAL: 10,000 gal

<table>
<thead>
<tr>
<th>Size of Depth Hole</th>
<th>Size of Well of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Kind of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>150' DEEP</td>
<td></td>
<td></td>
<td>UNKNOWN</td>
</tr>
</tbody>
</table>

Static water level ...110' fr...
Pumping water level ...6' fr...
*Measured from ground level.

Well developed by...
for ... hours.
Power: ... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) ...

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 1 ACRES

OWNER Signature: [Signature]
Driller's Address: DEERHORN STAR RT
License No: UNKNOWN

Show exact depth of bottom

54,366
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 the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

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

<table>
<thead>
<tr>
<th>Owner</th>
<th>Delia Brown-Andrew</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Roundup MT.</td>
</tr>
<tr>
<td>Date well started</td>
<td>Existing</td>
</tr>
<tr>
<td>No Record of Recordal completed</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

Type of well: Unknown
Equipment used: Unknown
Water Use: Irrigation
Industrial: No
Drainage: No
Other: No

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: 10,000 gal

<table>
<thead>
<tr>
<th>Size of Hole (Feet)</th>
<th>Size and Depth of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Approx 125'</td>
<td></td>
<td></td>
<td>Unknown</td>
</tr>
</tbody>
</table>

Static water level: Unknown
Pumping water level: Unknown at gallons per minute, measured minutes after pumping began.

*Measured from ground level.
Well developed by for hours.
Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 16 ACRES.

Show exact depth of bottom

License No: 54366
STATE OF MONTANA,
MUSSELHELL COUNTY,

FILED THIS___ DAY OF
A.D. 19__
AT 10:30 O'CLOCK A.M.

CLAUDI E. FLETCHER
COURT CLERK
DEPUTY
State of Montana  
Administrator of groundwater Code  
Office of State Engineer  

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

1. Name of Appropriator (Children), if any, of, (Address), (Town)  
   County of (State).  

   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.  
   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).  

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

   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. The 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 ground water.  
   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 court record.  

Signature of Owner:  
Date:  

--- Table ---  
<table>
<thead>
<tr>
<th>Location</th>
<th>Water Level</th>
<th>Method of Withdrawal</th>
<th>Well Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Applicant)

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 applied and name of the owner thereof.

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

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

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 count record.

Signature of Owner

Date
STATE OF MONTANA

County of Musselshell)

having first been duly sworn, depos...nd
say...that...he,...of lawful age and...the appropriator and
claimant...of the order and water right mentioned in the foregoing declaration of
vested groundwater rights and the person...whose name...subscribed
there...the appropriator...and claimant..., that...he...acknow...the
contents of said foregoing notice and that the matters and things therein
stated are true.

____________________
Russell Churchill

Subscribed and sworn to before me, this...day of December, 19...3

B. H. MATZKE
Clerk and Recorder
Musselshell County, Montana

Frances J. Neustad
County Recorder
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriate Person: Russell Churchill
   Address: 123 Main St.
   County of: Montana
   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:

   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):

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

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

   6. The depth of water table:

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

   8. The estimated amount of groundwater withdrawn each year:

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

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

   Signature of Owner: Russell Churchill
   Date: December 24, 1963
STATE OF MONTANA
ROSEBERRY COUNTY
Filed this 31st day of
December, A.D. 1863
at 12 M.,
J. R. Metzger
County Recorder
Frank W. Dawson
Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS

Under Chapter 237, Montana Session Laws, 1961

1. Name of Appropria tor
   (Name of Appropriate)
   County of ........................................ (Town)
   State of ........................................

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

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

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 ground water.
   ................................................................

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 count record.
    ................................................................

Signature of Owner

Date Dec. 31, 1963

20500
Form No. 18
8-60

T. 8
R. 27
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Goffena Ranch & Livestock Co
Address Roundup, Montana

Driller Joe Peters
Address Roundup, Montana

Date Started 1953
Date Completed 1953

Location: Sec. 22 T. 8 R. 27 1/4 sec. NW

Type of well driven Equipment used (drill, driven, bored, or drilled)

Water use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other [ ]

Casing: 0 ft. to 392 ft. Type galvanized Size 6"

Casing: ______ ft. to ______ ft. Type ______ Size ______

Casing: ______ ft. to ______ ft. Type ______ Size ______

Perforated or Screened: Ft. 340 to ft. 392. Ft. ______ to ft. ______

Type of screen or perforations slot

Static Water level, for non-flowing well: 90 feet.

Shut-in pressure, for flowing well: ______ lb./sq. in. on: ______

Pumping water level ______ 3000 ______ feet at two ______ gal. per min.

How tested: buling

Length of test: ______

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

       gravel

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td></td>
<td>Dirt</td>
</tr>
<tr>
<td>3</td>
<td>14</td>
<td>15</td>
<td>Brown sand rock</td>
</tr>
<tr>
<td>15</td>
<td>23</td>
<td>25</td>
<td>Gray sandy shale</td>
</tr>
<tr>
<td>25</td>
<td>34</td>
<td></td>
<td>Blue shale</td>
</tr>
<tr>
<td>34</td>
<td>43</td>
<td></td>
<td>Very hard brown sand rock</td>
</tr>
<tr>
<td>43</td>
<td>50</td>
<td></td>
<td>Gray sandstone</td>
</tr>
<tr>
<td>50</td>
<td>85</td>
<td></td>
<td>Gray blue shale</td>
</tr>
<tr>
<td>85</td>
<td>135</td>
<td></td>
<td>Hard cummy blue shale</td>
</tr>
<tr>
<td>135</td>
<td>138</td>
<td></td>
<td>Rock</td>
</tr>
<tr>
<td>138</td>
<td>155</td>
<td>158</td>
<td>Gray sandy shale</td>
</tr>
<tr>
<td>155</td>
<td>158</td>
<td>203</td>
<td>Gray sandy shale</td>
</tr>
<tr>
<td>158</td>
<td>203</td>
<td></td>
<td>Hit water at 190 feet - 2 gal per minute</td>
</tr>
<tr>
<td>203</td>
<td>215</td>
<td></td>
<td>Blue shale</td>
</tr>
<tr>
<td>215</td>
<td>257</td>
<td></td>
<td>Gray sandy shale</td>
</tr>
<tr>
<td>257</td>
<td>310</td>
<td></td>
<td>Brown sandstone</td>
</tr>
<tr>
<td>310</td>
<td>352</td>
<td></td>
<td>Gray sandy shale - Hit more water - 3 gal, per min.</td>
</tr>
<tr>
<td>352</td>
<td>359</td>
<td>392</td>
<td>Rock</td>
</tr>
<tr>
<td>359</td>
<td>392</td>
<td></td>
<td>Gray sandy shale</td>
</tr>
<tr>
<td>392</td>
<td></td>
<td></td>
<td>6&quot; galv. casing</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well Developed after January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Jefferson Ranch
Address: Helena, MT

Driller: L. A. Ferguson
Address: Helena, MT

Date of Notice of Appropriation of Groundwater

Date well started: Dec 20, 1965
Date completed: Dec 30, 1965

Type of Well: Drilled
Equipment used: Churn

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>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>74&quot; 5/8&quot;</td>
<td>14.46</td>
<td>0</td>
<td>102</td>
<td>164 200</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

CATCHES AT 144 7

Static Water Level for non-flowing well 17 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 160 feet
at 60 gal. per minute.

Discharge in gal. per min. of flowing well 1200 gal.

How Tested: Sanding

Length of Test: 144 ft.

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

(Continue on reverse side)

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).

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, tissue copy to be retained by driller.

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

Driller’s License Number

L. A. Ferguson
Driller’s Signature

40712
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John Bilyeu
(Name of Appropriator)

County of Musselshell
(State of Montana)

of Roundup
(Address)
(Town)

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: Stock

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: Do not know but is used continually

3. The amount of groundwater claimed (in miner's inches or gallons per minute): Do not know

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 used

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Do not know

7. The depth of water table: Do not know

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Not available

9. The estimated amount of groundwater withdrawn each year: 100000 gallons a year

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

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

Signature of Owner: John Bilyeu
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.
169121

STATE OF MONTANA,
MUSSEL SHELL COUNTY.

FILED THIS 10 DAY OF

Dec. A.D. 1963

AT 4:00 O'CLOCK P.M.

B. R. MATZKE
COUNTY RECORDER

FRANCIS R. LAUER
DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. John Bilkey, of Roundup,
   (Name of Appropriator)
   (Address)
   (Town)
   County of Musselshell, State of Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      Do not know

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      Do not know

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Do not know

   8. The depth of water table
      Do not know

   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, 6 inch casing, end 290 ft. deep

   10. The estimated amount of groundwater withdrawn each year
      175,000 gallons a year

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

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

   Signature of Owner
   John Bilkey
   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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1900
Owner: Dave Wall
Address: Roundup, Mont.
Contractor (if any): None
Address of Contractor
Date Started: Date Completed:

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

Natural Flow
0 to 20' deep approximately 10' wide

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.

continuous

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

Signature of Owner: Date: 4-7-64

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.
STATE OF MONTANA,
MUSSEL SHELL COUNTY.

FILED THIS 7 DAY OF
JAN A. D. 1964
AT 4:07 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

DEPUTY
State of Montana
Administrator of groundwater Code
Office of State Engineer

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

1. Dave Wall, of

County of , State of

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1952, as follows:

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

      Stock Water

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

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

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

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 count record.

Signature of Owner:

Date

[Stamp]
STATE OF MONTANA
MUSSELHELL COUNTY

FILED THIS DAY OF
A.D. 196
AT 4:15 O'CLOCK
M.

B. H. MATZKE
COUNTY RECORDER
COUNTY RECORDER
DEPUTY
# WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Tom Keller</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Republic, Butte</td>
</tr>
<tr>
<td>Driller</td>
<td>Clyde Lande</td>
</tr>
<tr>
<td>Address</td>
<td>411 N. 27th St.</td>
</tr>
<tr>
<td>Date Started</td>
<td>June 20, 1959</td>
</tr>
<tr>
<td>Date Completed</td>
<td>June 27, 1959</td>
</tr>
<tr>
<td>Location: Sec.</td>
<td>25 T 8 R 27 F</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Cable</td>
</tr>
<tr>
<td>Water use:</td>
<td>Stock</td>
</tr>
<tr>
<td>Type:</td>
<td>Galv.</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 20 ft.</td>
</tr>
<tr>
<td>Type:</td>
<td>Galv.</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 320 ft.</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>25 ft. to 335 ft.</td>
</tr>
<tr>
<td>Type of screen or perforations:</td>
<td>Galv.</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at 5 gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 to 15</td>
<td>Sand</td>
</tr>
<tr>
<td>From 15 to 130</td>
<td>Blue shale</td>
</tr>
<tr>
<td>From 130 to 195</td>
<td>Fine sandy shale</td>
</tr>
<tr>
<td>From 195 to 230</td>
<td>Brown shale</td>
</tr>
<tr>
<td>From 230 to 335</td>
<td>Gray shale</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 287, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]
Date well started: [Date]
Date completed: [Date]

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

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>Diameter of Rod</th>
<th>Diameter of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 in.</td>
<td>6 in.</td>
<td>0</td>
<td>19 1/2 ft.</td>
<td></td>
</tr>
<tr>
<td>6 in.</td>
<td>6 in.</td>
<td>0</td>
<td>33 1/2 ft.</td>
<td></td>
</tr>
<tr>
<td>33 1/2 ft.</td>
<td>49 1/2 ft.</td>
<td>33 1/2 ft.</td>
<td>7 1/2 ft.</td>
<td></td>
</tr>
</tbody>
</table>

Total depth of well: 49 1/2 ft.
Static Water Level for non-flowing Well: 135 feet.
Shut-in Pressure for Flowing Well: [Pressure]
Pumping Water Level: [Level] feet at 4 gal. per minute.
Discharge in gal per min. of flowing well: [Discharge]

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)

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

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

John Bilrey of Roundup
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator (Address) (Town)
2. The beneficial use on which the claim is based
   Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Used continually
4. The amount of groundwater claimed (in miner’s inches or gallons per minute) Do not know
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   Not used
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Do not know
8. The depth of water table
   Do not know
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, 6 inch lining, and 240 ft. deep
10. The estimated amount of groundwater withdrawn each year
    150000 gallons a year
11. The log of formations encountered in the drilling of each well if available
    Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
    None

Signature of Owner
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.
STATE OF MONTANA,  
MUSSELHELL COUNTY)  

FILED THIS 10 DAY OF 

Dec. A.D. 1963  
AT 3:50 O'CLOCK P.M. 

R. H. MATZKE  
COUNTY RECORDER  

COUNTY RECORDER  

DEPUTY
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 Bilyeu, of Roundup
   (Name of Appropriator)
   (Address) (Town)

   County of Musselshell
   State of Montana

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

   Stock well

   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
   It has been used continually

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   It was completed Dec. 3, 1955

   8. The depth of water table
   300 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
   It is a driven well, 8 inch casing and 450 feet deep

   10. The estimated amount of groundwater withdrawn each year
   55,000 gallon per year

   11. The log of formations encountered in the drilling of each well if available
   O. S. Top soil, 8-45 ft.
   Hard sand rock, 45-50 ft.
   Sand and a little water, 50-78 ft.
   Light blue shale, 78-127 ft.
   Light sandy shale, 127-165 ft.
   Sand rock, 165-170 ft.
   Coal vein, 170-205 ft.
   Light sandy shale, 205-225 ft.
   Light blue shale, 225-245 ft.
   Light sandy shale, 245-255 ft.
   Light blue shale, 255-305 ft.
   Light sandy shale, 305-315 ft.
   Light blue shale, 315-365 ft.
   Light sandy shale, 365-415 ft.
   Light blue shale, 415-450 ft.
   Light sandy shale, 450-475 ft.
   Sand rock, 475-515 ft.
   Light blue shale, 515-525 ft.
   Light sandy shale, 525-530 ft.
   Sand rock, 530-540 ft.
   Light blue shale, 540-545 ft.
   Light sandy shale, 545-550 ft.
   Sand rock, 550-555 ft.
   Light blue shale, 555-560 ft.
   Light sandy shale, 560-565 ft.
   Sand rock, 565-570 ft.
   Light blue shale, 570-575 ft.
   Light sandy shale, 575-580 ft.
   Sand rock, 580-590 ft.
   Light blue shale, 590-595 ft.
   Light sandy shale, 595-600 ft.
   Sand rock, 600-605 ft.
   Light blue shale, 605-610 ft.
   Light sandy shale, 610-615 ft.
   Sand rock, 615-620 ft.
   Light blue shale, 620-625 ft.
   Light sandy shale, 625-630 ft.
   Sand rock, 630-635 ft.
   Light blue shale, 635-640 ft.
   Light sandy shale, 640-645 ft.
   Sand rock, 645-650 ft.
   Light blue shale, 650-655 ft.
   Light sandy shale, 655-660 ft.
   Sand rock, 660-665 ft.
   Light blue shale, 665-670 ft.
   Light sandy shale, 670-675 ft.
   Sand rock, 675-680 ft.
   Light blue shale, 680-685 ft.
   Light sandy shale, 685-690 ft.
   Sand rock, 690-695 ft.
   Light blue shale, 695-700 ft.
   Light sandy shale, 700-705 ft.
   Sand rock, 705-710 ft.
   Light blue shale, 710-715 ft.
   Light sandy shale, 715-720 ft.
   Sand rock, 720-725 ft.
   Light blue shale, 725-730 ft.
   Light sandy shale, 730-735 ft.
   Sand rock, 735-740 ft.
   Light blue shale, 740-745 ft.
   Light sandy shale, 745-750 ft.
   Sand rock, 750-755 ft.
   Light blue shale, 755-760 ft.
   Light sandy shale, 760-765 ft.
   Sand rock, 765-770 ft.
   Light blue shale, 770-775 ft.
   Light sandy shale, 775-780 ft.
   Sand rock, 780-785 ft.
   Light blue shale, 785-790 ft.
   Light sandy shale, 790-795 ft.
   Sand rock, 795-800 ft.
   Light blue shale, 800-805 ft.
   Light sandy shale, 805-810 ft.
   Sand rock, 810-815 ft.
   Light blue shale, 815-820 ft.
   Light sandy shale, 820-825 ft.
   Sand rock, 825-830 ft.
   Light blue shale, 830-835 ft.
   Light sandy shale, 835-840 ft.
   Sand rock, 840-845 ft.
   Light blue shale, 845-850 ft.
   Light sandy shale, 850-855 ft.
   Sand rock, 855-860 ft.
   Light blue shale, 860-865 ft.
   Light sandy shale, 865-870 ft.
   Sand rock, 870-875 ft.
   Light blue shale, 875-880 ft.
   Light sandy shale, 880-885 ft.
   Sand rock, 885-890 ft.
   Light blue shale, 890-895 ft.
   Light sandy shale, 895-900 ft.
   Sand rock, 900-905 ft.
   Light blue shale, 905-910 ft.
   Light sandy shale, 910-915 ft.
   Sand rock, 915-920 ft.
   Light blue shale, 920-925 ft.
   Light sandy shale, 925-930 ft.
   Sand rock, 930-935 ft.
   Light blue shale, 935-940 ft.
   Light sandy shale, 940-945 ft.
   Sand rock, 945-950 ft.
   Light blue shale, 950-955 ft.
   Light sandy shale, 955-960 ft.
   Sand rock, 960-965 ft.
   Light blue shale, 965-970 ft.
   Light sandy shale, 970-975 ft.
   Sand rock, 975-980 ft.
   Light blue shale, 980-985 ft.
   Light sandy shale, 985-990 ft.
   Sand rock, 990-995 ft.
   Light blue shale, 995-1000 ft.

   12. Such other information 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
   John Bilyeu
   Date Dec. 16, 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.
STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 10 DAY OF

Dec A. D. 1963.

AT 4:02 O'CLoCK P. M.

B. H. MAIZKE
COUNTY RECORDER

FRANCES L. WASSON
DEPUTY
### WATER WELL LOG

**Owner:** John and Margaret Johnson  
**Address:** Montana, Montana

**Driller:** Lee A. Noble  
**Address:** Montana, Montana

**Date Started:** April 1, 1957  
**Date Completed:** April 1, 1957

**Location:** Section 26, Township 6, Range 27

#### Type of well:
- Drilled

#### Equipment used:
- Cable drill

#### Water use:
- Domestic
- Municipal
- Stock
- Irrigation
- Other:

#### Casing:
- 0 ft. to 5 ft. Type:
- Heavy steel
- Size:

#### Perforated or Screened:
- From ft. to ft.

#### Type of screen or perforations:

#### Static Water level, for non-flowing well:

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

#### Pumping water level:
- 20 feet at 20 gallons per min.

#### How tested:

#### Length of test:

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

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(over)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner___________________________Address___________________________

Driller___________________________Address___________________________

Date Started____________________Date Completed____________________

Location: Sec.____ T.____ R.____ sec.____

Type of well_________________________Equipment used_________________________

(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic____ Municipal____ Stock____ Irrigation____

Industrial____ Drainage____ Other____

Casing:____ ft. to____ ft. Type____ Size____

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:___________(date)

Pumping water level_________________feet at________________gal. per min.

How tested:_________________________

Length of test_____________________

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

__________________________________________

__________________________________________

__________________________________________

(over)
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Date Received: Jan. 2, 1952
STATE ENGINEER

Owner: ___________________________ Address: ___________________________
Driller: ___________________________ Address: ___________________________
Date Started: __________ Date Completed: __________
Location: Sec. __ T. __ R. __ W. sec. __

Type of well: ___________________________ Equipment used: ___________________________
(bug, driven, or drilled) (shovel, drill, rotary, other)

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

Casing: ______ ft. to ______ ft. Type ______ Size ______
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: ______ (date)

Pumping water level ______ feet at ______ gal. per min.

How tested: ___________________________
Length of test: ___________________________

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

____________________________________
(over)
<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
</tr>
<tr>
<td>1.2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>3.2</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Driller:</th>
<th>Frank Ginn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Started:</td>
<td>October, 1968</td>
</tr>
<tr>
<td>Date Completed:</td>
<td>Nov., 1968</td>
</tr>
</tbody>
</table>

### Location
- Section: 28, T. 8 N., R. 7 W., Sec. 3, T. 8 N., R. 7 W.

### Type of well
- Drilled

### Equipment used
- Cable drill

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

### Casing
- Type: Steel spiral
- Size: 5" (in ft. to ft.)

### Perforations
- Type: Perforated or Screened
- Sizes: 1/2" holes

### Static Water level
- For non-flowing well: 40 feet

### Shut-in pressure
- For flowing well: lb./sq. in. (date)

### Pumping water level
- Feet at: 100 gal. per min.

### How tested
- Submersible or pressure gage

### Length of test
- 10 hours

### Remarks
- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>15</td>
<td></td>
<td>soil</td>
</tr>
<tr>
<td>15</td>
<td>22</td>
<td></td>
<td>sand rock</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>unknown water</td>
</tr>
<tr>
<td>22</td>
<td>26</td>
<td></td>
<td>sand rock</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>unknown water</td>
</tr>
<tr>
<td>26</td>
<td>32</td>
<td></td>
<td>rock</td>
</tr>
<tr>
<td>32</td>
<td>38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>60</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John or Margaret Gebhardt, of Delphi Star Route, Roundup
   (Address) (Town)
   County of Musselshell, 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 — two wells — used for domestic and stock water, also small irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been — one well drilled to replace the use of an abandoned well in 1950, the other in 1953, both used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well $1 has been pumped continuously day and night at a rate of 10 gpm; $2 about 5 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 — have been used for irrigating about 2 acre of garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal — pumped with electric motor and jack.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater — $1 drilled in 1950, is 32 ft. deep, has underground flow, like a river; and is cased with 32 ft. galvanized casing. $2 from June 1-5, 1953.

8. The depth of water table — $1 30 ft., $2 14 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 — $1 is 32 ft. deep, 6 in. casing galvanized, $2 is 64 ft. deep with 6 in. galvanized casing, perforated from 30 to 64 ft. with 1 in. perforations.

10. The estimated amount of groundwater withdrawn each year — one well app. 700,000 gal.; $2 250,000 ga.

11. The log of formations encountered in the drilling of each well if available — $1, 30 ft. well, 21 water sand rocks. $2, 30 ft. clay and sand, 20-60 sandstones, 60-65 ft. water 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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: unknown
John or Margaret
Owner: Gebhardt
Address: Delphi Star Route
Roundup, Montana 59072
Contractor (if any): none

Address of Contractor:

Date Started: Date Completed:

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

- Have installed pipe and storage tank:

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: absolutely no
idea of quantity, but would estimate it runs a 3/8"
stream continuously:

Signature of Owner: Margaret Gebhardt
Date: 12-20-63

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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: John M. Koch
Address: Roundings, Mont.

Date of Notice of Appropriation of Groundwater: 9-23-63
Date well started: 9-23-63
Date Completed: 9-30-63

Type of well: Drilled
Equipment Used: Cable tool

Date tested: 10-5
Kind Size: 6""\nFrom (Foot): 0
To (Foot): 105

Static Water Level for non-flowing Well: 30 feet
Shut-in Pressure for Flowing Well: none

Discharge in gal. per min. of flowing well: none

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...)

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.

---

<table>
<thead>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;&quot; x 8.6 ft.</td>
<td></td>
<td>0</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>6&quot;&quot;</td>
<td></td>
<td>0</td>
<td>105</td>
<td></td>
</tr>
</tbody>
</table>

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Driller's License Number: John M. Koch
Driller's Signature: John M. Koch
STATE OF MONTANA,
MUSSEL SHELL COUNTY.

FILED THIS 21st DAY OF

JUNE A.D. 1903

at 5:30 O'CLOCK P.M.

H. H. MATZK
COUNTY RECORDER

Elaine __________ DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John or Margaret Godhardt, Sr., Sr., Roundup
(Name of Appropriator) (Address) (Town)

County of Musselshell, State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, 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.
STATE OF MONTANA
RUSSELEHILL COUNTY

FILED THIS _2_ DAY OF
__10__ A.D. 1963
AT __3:55_ O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

Ellen J. Bowerman
DEPUTY
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Steffans Ranch Co.**
   - **of Roundup**
   - **County of Musselshell**
   - **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: **Stock Water**

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **80 gallons per minute**

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **August 1952**

   8. The depth of water table: **40 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: **8 inch depth 90 feet**

   10. The estimated amount of groundwater withdrawn each year: **No record**

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

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

   Signature of Owner: **Steffans Ranch Co.**
   - **Date: Dec 27, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1981)

County of Missoula
State of Montana

John or Margaret Liska
(Address)

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 since that date.

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 not used for irrigation at the time

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 triplicate for the Appropriator.
STATE OF MONTANA, MUSELSHELL COUNTY.

FILED THIS 20 DAY OF DEC. 1963.
AT 3:57 O'Clock P.M.

B. H. MATZKE
COUNTY RECORDER

Deputy

163289
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 Bilyeu, of Roundup, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Several years ago and is used continuously.

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

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

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, wells, or other works for withdrawal of groundwater: Do not know

8. The depth of water table: Do not know

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, 6 inch casing, and 60 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 500000 gallons a year.

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

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 Appropriator: John Bilyeu
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.
ST. OF MONTANA, MUSSELHELL COUNTY.

FILED THIS 10 DAY OF
A. D. 1963
AT 3:50 O'CLOCK P. M.

B. H. MATZKE
COUNTY RECORDER

DEPUTY
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 Billyeu
   (Name of Appropriator)
   of Roundup
   (Address)
   (Town)

County of Musselshell
State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has or has not been
   Continuously

4. The amount of groundwater claimed (in miner’s inches or gallons per minute) 5 gallon 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
   10 acres

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

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

8. The depth of water table
   50 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
   180 ft. deep, 6 inch casing

10. The estimated amount of groundwater withdrawn each year
    125000 gallons a 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
    None

Signature of Owner: John Billyeu
Date: Dec 16, 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 Appropriate.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner: John N. Lyons</th>
<th>Address: 4101 Main St.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: None</td>
<td>Address:</td>
</tr>
<tr>
<td>Date of Notice: June 15, 1963</td>
<td>Date Completed: Aug. 15, 1963</td>
</tr>
<tr>
<td>Type of well: Drilled</td>
<td>Equipment Used: Cable tool drill (dug, driven, bored or drilled)</td>
</tr>
<tr>
<td>Water Use: Domestic □</td>
<td>Municipal □</td>
</tr>
<tr>
<td>Industrial □</td>
<td>Drainage □</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 the water rises in the well.

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Feet</td>
<td>Feet</td>
</tr>
<tr>
<td>30 ft.</td>
<td></td>
<td>60</td>
<td>80</td>
</tr>
<tr>
<td>30 ft.</td>
<td></td>
<td>162</td>
<td>180</td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing Well:** 15 feet
- **Shut-in Pressure for Flowing Well:**
- **Pumping Water Level:** 15 ft.
- **Discharge in gal., per min. of flowing well:**
- **How Tested:** Water & pump. Length of Test: 24 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)

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.