STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: Brady
   (Name of Appropriator)
   County of O., State of Montana, intends to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

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

3. The rate of use in gallons per minute or miner's inches of groundwater claimed:
   20 gal/min

4. The annual period (inclusive dates) of intended use:
   From Jan. 1, 1963

5. The probable or intended date of first beneficial use:
   Jan. 1, 1963

6. The probable or intended date of commencement and completion of the well or wells:
   Well will be completed in 1963

7. The location, type, size and depth of well or wells contemplated:
   Well 40 ft. deep, location on both could

8. The probable or estimated depth of the water table or artesian aquifer:
   70 ft.

9. Name, address and license number of the driller engaged:
   Halliday Contracting, Well Drilling Co.

10. Give such other similar information as may be useful in carrying out the policy of this act:
    Well was dug by hand and artificially reamed to preferred use with electric pump.

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

Signature of Appropriator:
Dec. 27, 1962

* As defined in the Code Sec. 1 (c) “Well” means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Doc. No. 192677

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument was filed for record in this office on the
27 day of December
A.D. 1962 2:15 P.M.

Louise Kingsbury
County Clerk and Recorder

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

(Name of Appropriator) ____________________________

County of ____________________________

State of Montana ____________________________

I, ____________________________, of ____________________________, 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:
   \[\text{household, livestock, and pasture}\]

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   \[\text{well was dug in 1958, continuously since then}\]

3. The amount of groundwater claimed (in minor, inches or gallons per minute):
   \[20 \text{ gal. per minute}\]

4. If used for irrigation, give the acreage and description of the lands to which water has been applied:
   \[\text{farm garden, small area of crops}\]

5. The means of withdrawing such water from the ground:
   \[\text{pump, other means indicated}\]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   \[\text{drilled in 1958}\]

8. The depth of water table:
   \[3 \text{ water level} + 17' 28" + 40'\]

9. So far as it may be available, the type, size and depth of each well or other works for the withdrawal of groundwater:
   \[\text{well, 10" pump, 100 ft. deep}\]

10. The estimated amount of groundwater withdrawn each year:
    \[\text{1500 cords per year}\]

11. The log of formations encountered in the drilling of each well if available:
    \[\text{gravel at 40 ft.}\]

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:
    \[\text{no other log recorded}\]


Signature of Owner: ____________________________

Date: December 27, 1962

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

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

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

Recently you sent this office four well completion forms for wells on sites 2115, 2117, 2145 and 2157 in Pondera County, and site 2164 in Towner County. These were all listed as for domestic use, and as such no filing is required.

However, if you wish to have these wells filed, three copies of each form should have been filed as shown on the sample form attached.

The county clerk recorder takes care of the distribution of the two extra copies.

We are glad to have the log of formations at the several sites. Would it be possible also to get the information as to which formations are water bearing?

Please advise how you would like to have us handle.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level ____________)

<table>
<thead>
<tr>
<th>Interval</th>
<th>Stratigraphic Unit</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>80'</td>
<td>Colorado Group</td>
<td>Drilled</td>
<td>Rotary</td>
<td>August 29, 1964</td>
<td>September 12, 1964</td>
</tr>
<tr>
<td>395'</td>
<td>Greenhorn Formation</td>
<td>Drilled</td>
<td>(Churn, drill, rotary or other)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1150'</td>
<td>Dakota Formation</td>
<td>Drilled</td>
<td>Rotary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1275'</td>
<td>Kootenai Formation</td>
<td>Drilled</td>
<td>(Churn, drill, rotary or other)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1640'</td>
<td>Morrison Formation</td>
<td>Drilled</td>
<td>Rotary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1725'</td>
<td>Swift Formation</td>
<td>Drilled</td>
<td>(Churn, drill, rotary or other)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1815'</td>
<td>Ridoron Formation</td>
<td>Drilled</td>
<td>Rotary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1862'</td>
<td>Madison Group</td>
<td>Drilled</td>
<td>(Churn, drill, rotary or other)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Drill: 15" 10-3/4" 32.75' O 90' 9" 7" 20' 1862.5'

Static Water Level for non-flowing Well: 90 feet.
Shut-in Pressure for Flowing Well: —
Pumping Water Level: 1100 feet at 9 gal. per minute.
Discharge in gal. per min. of flowing well: —
How Tested: Pumped
Length of Test: 49.5 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)

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

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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.

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>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Rogers Inc.</td>
<td>U-Y-Y</td>
<td>195-199</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Pine County Motors</td>
<td>U-Y-Y</td>
<td>195-200</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Materra J.</td>
<td>U-Y-Y</td>
<td>195-623</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Name of Appropriator] of [Address] in [Town]

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

1. The name of the appropriator is [Name of Appropriator].
2. The beneficial use on which the claim is based is [Irrigation] and stock watering.
3. The date or approximate date of earliest beneficial use is [Date] or [Approximate Date].
4. The amount of groundwater claimed (in miner's inches or gallons per minute) is [320 miner's inches].
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 is [1929].
8. The depth of water table is [10 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 is [xxx].
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: [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.
OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA
I hereby certify that the within instrument was filed for record in this office on the
\[
\text{day of } \text{dec.}
\]
A. D. 19\text{63 at } 4:30 \text{ P. M.}

\text{J. W. Hoagbury}
County Clerk and Recorder

\text{Lee B. Jones}
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

County of Pondera

1. Name of Appropriator

2. Address

3. Town

4. State of Montana

5. County of Montana

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

   Public fresh water supply

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

   March 29, 1939

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

   300 gallons per minute

9. 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. The estimated amount of groundwater withdrawn each year:

    500,000 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.

   Land on which the well described herein is located is in Section 23, Township 27 North, Range 2 East and is more particularly described in that certain deed recorded in Book 18 at page 56 in the office of the Clerk and Recorder of Pondera County, Montana.

Signature of Owner:

Chairman of Board of County Commissioners of Pondera County, Montana

December 4, 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.
EXHIBIT "A"

The following described real property situated in the County of Pondera and State of Montana, to-wit:

A tract of land containing 0.62 acres in the Southwest corner of the Southwest Quarter of the Southeast Quarter (SE\NW4) of Section Twenty-three (23), Township Twenty-seven (27) North, Range Two (2) East, M.P.M. described as follows:

Beginning at the Southwesterly One-quarter corner of said Section 23, thence N 2°15' W along the west line, of the Southwesterly line of said Section 23 a distance of 165 feet, thence S 87°45' N a distance of 165 feet, thence S 2°15' W a distance of 165 feet to a point on the south line of the Southwesterly line of said Section 23, thence N 87°15' E along the south line of the Southwesterly line of said Section 23 a distance of 165 feet to the Southwesterly One-quarter corner of Section 23, Township 27 North, Range 2 East, which is the point of beginning.

OFFICE OF COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument was filed for record in this office, on the 14th day of Dec., A.D. 1962, at 3:36 P.M.

Lorraine Heylman
County Clerk and 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 D. McLean of Brady
   (Name of Appropriator)
   (Address)
   (Town)

   County of Pondera
   State of Mont.

   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 land to which water has been applied and name of the owner thereof ____________

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

7. The date of commencement and completion of the construction of the well, 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: John D. McLean
Date: 10-28-1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
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</thead>
<tbody>
<tr>
<td>1</td>
<td>U.S. Air Force</td>
<td>MW 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: U.S. Air Force
Address: Norton AFB, California

Contractor: Van, O'Brien & Associates, Los Angeles, California
Driller: Great Northern Drilling Co.
Address: Billings, Montana

Date of Notice of Appropriation of Groundwater: October 13, 1964
Date well started: August 19, 1964. Date Completed: September 6, 1964

Type of Well: Drilled
Equipment Used: Rotary (due, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15&quot;</td>
<td>10-1/4&quot; - 32.75&quot;</td>
<td>0</td>
<td>124</td>
<td>Open Hole Completion</td>
</tr>
<tr>
<td>9&quot;</td>
<td>7&quot; - 20&quot;</td>
<td>0</td>
<td>1746</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 247 feet.
Shut-in Pressure for Flowing Well: __________
Pumping Water Level: 233 feet; 13 gal. per minute.
Discharge in gal. per min. of flowing well: __________
How Tested: Pumped, Length of Test: 46 Hours

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau Mines and Geology and quadruplicate for the Appropriator.
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</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Jameson Corto</td>
<td>D74</td>
<td>17742</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. Carter Jermunson of Brady
   (Name of Appropriator) (Address) (Town)
   County of Pondera 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: Drinking water, for persons, stock & irrigation

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

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: Irrigation for garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Prior to 1920

8. The depth of water table: Approximately 16 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: Brick casing, casing about three feet in diameter, depth about 24 feet

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

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: Book 1 of Water rights Transcripted Records p. 37

Signature of Owner: Carter Jermunson
Date: February 23, 1962

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

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

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