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... 11-18-68
Bureau
Owner of Land Management... Address... Dillon, Montana
Contractor (if any)... None
Address of Contractor... None
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. An excavated seepage area with
a cement catchment basin, with the water piped
through 400' of 1/2" plastic pipe to a steel stock...
water 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, 2½ gallons per minute... Using watch and can for measuring,...

Livestock use... May 1 - November 30
Game use... yearlong

Signature of Owner... Date... Acting District Manager

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
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation

Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 12-1-70

Owner Bureau of Land Mgmt. Address Box 1048, Dillon, Mont. 59725
Contractor (if any) None
Address of Contractor

Date Started: 10-15-70 Date Completed: 10-16-70

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Excavated seepage area to a depth of three feet. Steel culvert catchment basin and piped 100 feet through 1 1/2 inch plastic pipe to a steel stockwater tank of 490 gallons storage.

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.

Livestock May 1 - November 30. Yearly same use.

2 gallons per minute. Using measuring can and watch.

Signature of Owner

Chief, Div. of Operations
Date: 12-1-70

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 Approprietor.
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  
James J. Stover  
Address  
Box 536 S 7  
Whitehall, Montana  
59759  
Date well started  
August 1, 1972  
Completed  
August 2, 1972  

Type of well  drilled  
(Deep, driven, bored or drilled)

Equipment used  churn drill  
(Churn drill, rotary or other)

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  

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8 od x .250</td>
<td>0' 74'</td>
<td>cutting torch 69' 74'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 8'.  
Pumping water level 50'.  
15 gallons per minute measured minutes after pumping began.
*Measured from ground level, well developed by test pumping for hours.

Power  
Pump  
Remarks  (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature  
Joe Burt  
Driller's Address  
4004 Harvard Ave.  
Butte, Montana 59701  
LICENSE NO...2  

Show exact depth of bottom  
74'
STATE OF MONTANA
ADMINISTRATOR OF GROUHWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUHWATER RIGHTS
(Under Chapter 237, Idaho Session Laws, 1961)

1. APPROPRIATOR, of ..., has 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 area and description of the land to which water has been applied and name of the owner interest.

6. 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 the 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.

Date: December 27, 1962

Signature of [Appropriator's Name]

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator:** Mitchell  
   **Address:**  
   **State of:** Montana  
   **County of:** Jefferson  
   **Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Gallons per Minute</th>
<th>Permitted per Month</th>
<th>Permitted per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oak</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poplar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spruce</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based

3. **Date of approximate date of earliest beneficial use:** 1930  
   **Use continuously:**

4. **The amount of groundwater claimed:** (in million gallons per month:  
   **Claimed per month:**  
   **Claimed per year:**

5. **Location of lands to which water has been applied:**

6. **The means of withdrawing such water from the ground:**

7. **Date of commencement and completion of construction of the well:**

8. **Depth of water table:** 25 to 50 feet

9. **Type, size and depth of each well:** 4 inch steel casing to a depth of 45 feet

10. **Estimated amount of groundwater withdrawn each year:** 50,000 gallons

11. **Log of formations encountered in drilling of each well:**

12. **Other information of a similar nature:**

---

**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 Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.

1944
**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 Mont. 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:** Robert Lee Davis

**Address:** Box 4656

**City:** Whitehall

**State:** Montana

**File #:** 123-456

**Date well started:** Apr. 01, 1968

**Date well completed:** Apr. 19, 1968

**Type of well:** Drilled

**Equipment used:** Churn Drill

**Water Use:** Domestic

**Est. Annual Withdrawal:** 200,000 gallons

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.**

**Driller’s Signature:**

**Driller’s Address:**

**LICENSE NO.**

---

<table>
<thead>
<tr>
<th>Section</th>
<th>North and West of Principal Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>East</th>
<th>West</th>
<th>North</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static water level</th>
<th>ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level</td>
<td>ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
</tr>
</tbody>
</table>

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

**Power:** Pump, HP

**Show exact depth of bottom**
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: Cardwell
   Address: (Address)
   Town: (Town)
   County of: ________
   State of: Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: __________________________
   How continuous the use has been since: __________________________

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.
RECORO'S OFFICE

Montana County, Montana

This day of 19__

Fees...

8/68
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FRANK SHAW, of CARDWELL, MONTANA
(Address)
County of JEFFERSON, State of MONTANA

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

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.
<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>Hayes Edward</td>
<td>4W4</td>
<td>83372</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Shue Mrs. C.</td>
<td>3W1</td>
<td>83124</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Newton Carroll</td>
<td>4W4</td>
<td>83268</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Shue James</td>
<td>4W4</td>
<td>83181</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Ballard George</td>
<td>4W2</td>
<td>83289</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Ballard George D. Jr.</td>
<td>4W2</td>
<td>90695</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Ballard George D. Jr.</td>
<td>3W1</td>
<td>90122</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Newton Carroll Jr.</td>
<td>3W1</td>
<td>91864</td>
<td></td>
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<tr>
<td>26</td>
<td>Ballard George</td>
<td>3W2</td>
<td>92490</td>
<td></td>
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<tr>
<td>26</td>
<td>Ballard George D. Jr.</td>
<td>3W4</td>
<td>83238</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Ballard George D. Jr.</td>
<td>3W4</td>
<td>83227</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Murphy Victorine</td>
<td>3W4</td>
<td>83275</td>
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</tr>
<tr>
<td>28</td>
<td>Shue James</td>
<td>4W4</td>
<td>83132</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Brewer Edward</td>
<td>4W2</td>
<td>96247</td>
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<tr>
<td>34</td>
<td>Armstrong George</td>
<td>4W3</td>
<td>83167</td>
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</tr>
<tr>
<td></td>
<td>Armstrong George Jr.</td>
<td></td>
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</tr>
<tr>
<td>34</td>
<td>Armstrong George D. Jr.</td>
<td>4W4</td>
<td>83170</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Armstrong George</td>
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</tr>
<tr>
<td></td>
<td>Armstrong George D. Jr.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Armstrong George</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Armstrong George D. Jr.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Brewer Harry H</td>
<td>4W2</td>
<td>81850</td>
<td></td>
</tr>
</tbody>
</table>
**DECLARATION OF UNITED GROUNDWATER RIGHTS**

(Under Chapter 237, Montana Session Laws, 1961)

**County of:**

**State of:**

**Applicant:**

**Date of Appropriation:**

**Declaration of United Groundwater Rights**

I, John Doe, declare that I am the legal owner of the groundwater described below according to the Montana laws in effect prior to January 1, 1963, as follows:

<table>
<thead>
<tr>
<th>Section</th>
<th>Township</th>
<th>Range</th>
<th>Year</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1961</td>
<td>Description of groundwater well.</td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use, and how established:

4. The amount of groundwater claimed (in millions of cubic feet per year):

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

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 necessary for withdrawal of groundwater:

8. The depth of water table:

9. So far as may be available, the type, size, and depth of each well or 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 Applicant: ____________________________

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 Montana Bureau of Mines & Geology, and QuadriPLICATE for the Appropriation.
RECORDER'S OFFICE
Jefferson County, Montana

I have here recorded this 31 day of the
at Dr. 1948 44th St., at 10:30 A.M.

By:__________________________
County Recorder

Date:__________________________

Form:__________________________
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jessie C. Shaw, of Box 5, Cardwell, Montana, intend 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 irrigation, water used in Sections 2, 3, 10 & 11 - Township 1W, Range 3W (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed

4. The annual period (inclusive dates) of intended use through October annually

5. The probable or intended date of first beneficial use 1872, used annually since that time.

6. The probable or intended date of commencement and completion of the well or wells not applicable

7. The location, type, size and depth of well or wells contemplated

8. The probable or estimated depth of the water table or artesian aquifer unknown

9. Name, address and license number of the driller engaged

10. Give such other similar information as may be useful in carrying out the policy of this act.

This is a recorded water right which is described in previous abstracts.

This is being filed to protect any and all water rights which might have or have been previously filed for the Cardwell or Harry Shaw 
Ranch operations, and in particular my own interests.

Signature of Appropriator

Date January 2, 1963

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 in 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.
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) (Address) (Town)

County of , State of

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

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

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 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)

1. James Shouse, of Three Forks, Montana

County of Gallatin
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 and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1910 - continuous

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1910

8. The depth of water table: 30 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: hand dug well

10. The estimated amount of groundwater withdrawn each year:

11. The log of formations encountered in the drilling of each well if available: none made

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: James Shouse
Date: Dec. 26 1943

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.

T 2 N R 2 W
County: Jefferson
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 337 Montana Session Laws, 1961, as amended)

Owner: George Bollard  Address: Cardwell, Mont.
Driller: Bonus Drilling Co.  Address: Butte, Mont.

Date of Notice of appropriation of groundwater: Sept. 1, 1962
Date well started: Dec. 1, 1962  Date completed: Jan. 14, 1970
Type of well: Drilled  Equipment used: Churvy
(Dug, driven, bored or drilled)  (Churvy drill, rotary or other)
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 Drilling (feet)</th>
<th>To (feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8&quot;</td>
<td>0'</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6&quot;</td>
<td>0'</td>
<td>105'</td>
</tr>
<tr>
<td></td>
<td>5&quot;</td>
<td>96'</td>
<td>195'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well:

Shut-in Pressure for Flowing Well:

Pumping Water Level:

Discharge in gal. per min. of flowing well:

How Tested:

Length of Test:

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

Discharge—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

Driller’s Signature
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** George D. Ball
**Address:** Cardwell, Mont.

**Driller:** Chuck Snelker
**Address:** Great Falls, Mont.

Date of Notice of appropriation of groundwater: Sept. 5, 1968
Date well started: Sept. 5, 1968
Date completed: Oct. 15, 1968

Type of well: Drilled
Equipment used: Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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.

### Diagram

- **Static Water Level for non-flowing well**
- **Shut-in Pressure for Flowing Well**
- **Pumping Water Level**
- **Discharge in gal. per min. of flowing well**
- **How Tested by pump**
- **Length of Test: 46 days cont.**
- **Remarks:** (Gravel packing, cementing, packers, type of shutoff)

**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).**

160 acres on SE 1/4 of SE 1/4 of SE 1/4 of Sec 23

Top of Ground
(Elev. above sea level: 497 ft.)

---

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 1/2 in. 17 lbs.</td>
<td>61 11/16 ft above ground</td>
<td>59 1/16 ft</td>
<td>20 1/2 ft</td>
</tr>
</tbody>
</table>

---

Driller's License Number: 178

Driller's Signature: 4/4, 821
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. GEORGE BALLARD, JR., of CARRILL
   (Name of Appropriator) (Address)
   County of JEFFERSON, State of MONTANA, intend 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 IRRIGATION & STOCK.
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed.
   350 QAL. PER. MIN.

4. The annual period (inclusive dates) of intended use.
   MAY 1ST TO NOVEMBER
   FOR
   SEPT. 3, 1968, COMPLETION OCT. 1, 1968

5. The probable or intended date of first beneficial use.
   Stock
   SEPT. 3, 1968, COMPLETION OCT. 1, 1968

6. The location, type, size and depth of well or wells contemplated.
   SE 1/4 OF SEC. 23, T. 22 N. R. 1 W.
   DRILLED 60 FT. Casing 100 FT.

7. The probable or estimated depth of the water table or artesian aquifer.
   100 FT.

8. Name, address and license number of the driller engaged.
   CHUCK SMERKER
   600 12TH ST. N.W., GREAT FALLS, MONT. LICENSE 178

9. Give such other similar information as may be useful in carrying out the policy of this act.

   Signature of Approprietor: GEORGE BALLARD
   Date: AUG 5, 1968

* 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, 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 Approprietor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Carroll Dobbert
Address: Cameron

Driller: Harold Hubert
Address: J. Rozeman, Mont.

Date of Notice of appropriation of groundwater: Dec 26, 1966
Date well started: Dec 19, 1966
Date completed: Dec 19, 1966

Type of well Drilled:
Equipment used:

(Churn drill, rotary or other)

Surface Water & Irrigation Domestic Municipal Stock Irrigation Industrial Drainage Other

Date and character of water-bearing strata and height to which the water rises in the well:

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Character of Water-Bearing Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5</td>
<td>Clay &amp; sand</td>
</tr>
<tr>
<td>5-10</td>
<td>Clay &amp; sand</td>
</tr>
<tr>
<td>10-20</td>
<td>Sand</td>
</tr>
<tr>
<td>20-30</td>
<td>Clay</td>
</tr>
<tr>
<td>30-40</td>
<td>Sand</td>
</tr>
<tr>
<td>40-45</td>
<td>Gravel very little water</td>
</tr>
<tr>
<td>45-70</td>
<td>Clay &amp; gravel</td>
</tr>
<tr>
<td>70-93</td>
<td>Sand &amp; clay little water</td>
</tr>
<tr>
<td>93-99</td>
<td>Sand &amp; little water</td>
</tr>
<tr>
<td>99-103</td>
<td>Clay</td>
</tr>
</tbody>
</table>

Bottom of well:
- 103 feet

Static Water Level for non-flowing well: 33 feet.
Shut-in Pressure for Flowing Well: 33 gal. per minute.
Pumping Water Level: 33 feet.

Discharge in gal. per min. of flowing well:

How Tested: flow test
Length of Test: 1 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff):

Driller's License Number: Carroll Hubert

County Clerk's Name: J. Rozeman

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.

Date: 1/1/54
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: George Ballard
Driller: Storus Drilling
Date of Notice of appropriation of groundwater: May 22, 1962
Date well started: May 20, 1962
Date completed: May 22, 1962

Type of well: Drilled
Equipment used: Churn drill

Water use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole (Feet)</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 1/2</td>
<td>6 x 1/2</td>
<td>11.7</td>
<td>17.0</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 2.2 feet.
Shut-in Pressure for Flowing Well: NA
Pumping Water Level: 25 feet
Discharge in gal. per min.: 25 gal. per minute

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

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).
Irrigation for garden, shaded tennis.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **GEORGE D. BALLARD, JR.**, of **CARDWELL**
   (Name of Appropriator)

   County of **JEFFERSON**
   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:
   **PASTURE MAINTENANCE**

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   **1901 CONTINUOUS USE**

4. The amount of groundwater claimed (in gallons or minutes per minute)
   **10 G.A.M.**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   **10 ACRE JARDEN, NO. 1**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   **BOO.D.WELL, LOCATED 1/4 M. S. W. 1/4 M. E. 1/2 M. S. E. 1/2 M. NW**

7. The date of commencement and completion of the construction of the wells or other works for withdrawal of groundwater:
   **FIRST WELL COMPLETED 1940; UNPLETED WELL 1953**

8. The depth of water table:
   **FIRST WATER 10 FT.; SECOND 10 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:
   **FIRST WELL 10 IN. DIAMETER, 100 FT. DEEP; SECOND WELL UNVERIFIED.**

10. The estimated amount of groundwater withdrawn each year:
    **365,000 GALL**

11. The log of formations encountered in the drilling of each well if available:
    **DECKY CLAY AND 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 Montana Bureau of Mines & Geology, and Quadruplicate to the Appraiser. 1946.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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

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

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

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Administrator. 19467
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Genevieve Murphy of Cardwell, Jefferson County, Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based:
   a. Household
   b. Cattle water
   c. Emergency livestock water

2. Date or approximate date of earliest beneficial use and how continuous the use has been:
   a. No. 1 - December, 1960
   b. No. 2 - Use is infrequent

3. The amount of groundwater claimed (in miner's inches or gallons per minute):
   a. No. 1 - Approximately 5 gallons per min.
   b. No. 2 - Approximately 1 gallon per minute

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   a. Acres - Garden & Lawn
   b. Owner - Genevieve Murphy

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   a. No. 1 - Electric pump
   b. No. 2 - Manual pump

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   b. No. 2 - Pump assembly

7. The depth of water table:
   a. Approximately 25 ft.
   b. Approximately 40 ft.

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other wells for the withdrawal of groundwater:
   a. No. 1 - 8-inch casing depth of 70 ft.
   b. No. 2 - 6-inch casing depth of 60 ft.

9. The estimated amount of groundwater withdrawn each year:
   a. 100,000 gallons

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

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

12. Signature of Owner:
   a. Genevieve Murphy
   b. Date: Dec. 12, 1960

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, 1961)

1. James Albright House, of Three Forks, Gallatin County, 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.
   1910 - continuous

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

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.
   1910

8. The depth of water table:
   30 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.
   hand dug well

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available.
   none 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: James Albright House
Date: Dec 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.
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.

Edith Drennan
Owner
Address: Carbondale
Montana 59721

Date well started 9-26-69
completed Same

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic [] Municipal [] Stock [] Irrigation [x]
Industrial [] Drainage [] Other [] Garden/Lawn []

Water 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

<table>
<thead>
<tr>
<th>Size of Defiled 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>6&quot;</td>
<td>6 5/8&quot; steel 1' long 42'</td>
<td>1</td>
<td>740</td>
<td>None</td>
</tr>
</tbody>
</table>

Static water level 27 ft.*
Pumping water level 76 ft.*

Pumping at 40 gallons per minute, measured 5 minutes after pumping began.
*Measured from ground level.
Well developed by compressor for 4 hours.

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

This well was originally drilled as an Industrial well for Rock Brothers Construction Co.
The formation logs were sent to them.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O'Keefe Drilling Company
Driller's Address 2804 Harvard Ave.

Butte, Montana LICENSE NO. 0

County Jefferson

Show exact depth of bottom

59'21
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...unknown

George J. Armstrong and
Juaalta Armstrong
Owner George E. Armstrong

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...natural springs

these springs were redeveloped and piped
into tanks in 1947 by present owner

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...these springs
are used during the summer-grazing season

Signature of Owner George E. Armstrong Jr.
Date December 26, 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

George Armstrong Jr.

1. George H. & Juanita Armstrong and _____________________________
   (Name of Appropriator)   Cardwell
   (Address)                (Town)

County of Jefferson   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. To supply ample water for the livestock grazing thereon.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May 1952; this well is used during the summer grazing season (usually six months).

4. The amount of groundwater claimed (in miner's inches or gallons per minute) eight 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 if applicable. No irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, electric pump (float controlled).

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

8. The depth of water table approximately 30 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. 6" casing, 24 ft depth; water raises to the thirty foot table depth.

10. The estimated amount of groundwater withdrawn each year 350,000 gallons.

11. The log of formations encountered in the drilling of each well if available. well was drilled by Price & Lindsey of Glancy, Montana in a sandstone formation.

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 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 Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Harry A. Brown
Address: Carrwell, Montana

Driller: Parker & Loeper
Address: Yellow Creek, Montana

Date of Notice of Appropriation of Groundwater: January 4, 1963
Date well started: May 3, 1963
Date completed: May 9, 1963

Type of well: Drilled
Equipment Used: Churn

Water Use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; 15#</td>
<td>0</td>
<td>63</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 27
Shut-in Pressure for Flowing Well: Not Applicable
Pumping Water Level: 32
Discharge in gpm: 10 gal. per minute
How Tested: Pump
Length of Test: 1 Hour

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

stock water, PUMPED BY ELECTRIC SUBMERSIBLE PUMP WITH FLOAT TYPE START AND SHUT-OFF.

Driller's License Number: [Blank]
Driller's Signature: [Blank]

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.
RECORD'S OFFICE
Jefferson County, Montana

Filed for record this 11th day of January, 1940

Henry Bean Finance
Deputy

Count Recorder
<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>18</td>
<td>Rusk School Dist 36</td>
<td>SW 4</td>
<td>83226</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Little Karson</td>
<td>SW 2</td>
<td>92686</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Kitty Williams R</td>
<td>SW 2</td>
<td>91955</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Shackelford Waymond</td>
<td>SW 2</td>
<td>93602</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Weckburg Rd</td>
<td>SW 2</td>
<td>91765</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Weckburg Res</td>
<td>SW 2</td>
<td>91766</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. EUREKA SCH. DIST. 16, of CANDWELL
(Name of Appropriator) (Address) (Town)

County of JEFFERSON 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: WATER FOR SCHOOL

3. The or approximate date of earliest beneficial use; and how continuous the use has been: 1916 TO 1964

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 GALL 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: ELECTRIC DEEP WELL PUMP, LOCATED IN THE SOUTH-EAST CORNER OF THE S-1/4 OF SEc. 19 T-15N R-1W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: HAND PUMP INSTALLED IN 1915 PRESENT DEEPWELL

8. The depth of water table: 30 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other well or wells for the withdrawal of groundwater: DRILLED, 6IN. CASING, 60 FT. DEEP

10. The estimated amount of groundwater withdrawn each year: 18000 GALL.

11. The log of formations encountered in the drilling of each well if available: HEAVY SOIL & 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: 12/30/63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
83226
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

**Owner:** Katherine Tribble  
**Address:** Cardwell, Mont.

**Driller:** B.M. Drilling Co.  
**Address:** Great Falls, Mont.

Date of Notice of appropriation of groundwater: Jan. 28, 70

Date well started: Jan. 28, 70  
Date completed: June 1, 1970

**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, sand, 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.

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

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**Shut-in Pressure for Flowing Well:** 15 lbs

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**Pumping Water Level:**

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**Discharge in gal. per min. of flowing well:** 70 gal.

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**How Tested:** Time

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**Length of Test:**

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

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**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).

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**TEN ACRES**

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(Continue on reverse side)

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

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

Owner: William R. Tribble
Address: Correll, Montana

Driller: Cliff Mining Co.
Address: Cheyenne, Wyoming

Date of Notice of Appropriation of Groundwater: Aug. 29, 1969
Date well started: Aug. 28, 1969
Date Completed: Aug. 29, 1969

Type of well: Drilled
Equipment Used: Churn, drill, rotary 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, 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>5&quot; Diameter</td>
<td>2&quot; casing</td>
<td>Surface deep</td>
<td>94 feet</td>
<td>None</td>
</tr>
</tbody>
</table>

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

How Tested: Length of Test: N.A.
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) 20 Acres

20 Acres

Show exact depth of bottom.

This hole drilled as test hole for minerals. Water flowed so saturated pipe to control the flow. Did not reach water. Present plan is to drill for a water well.

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.

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 in the Montana Bureau of Mines and Geology and Quadruplicate for the Appraiser.

Driller’s License Number: N.A.
Driller’s Signature: N.A.

45713
9/1955

6th October

[Signature]

[Signature]

[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well 
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Raymond Shanklin
Address: Pine, Mont.
Driller: Charles J. Dunford
Address: Butte, Mont.

Date of Notice of appropriation of groundwater: Feb. 9, 1970
Date well started: Feb. 9, 1970
Date completed: Feb. 9, 1970

Type of well: Drilled
Equipment used: Churn drill, rotary or other

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, 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>12&quot; x 6'3/4&quot; steel</td>
<td>0'</td>
<td>0'</td>
<td>135'</td>
<td>None</td>
</tr>
</tbody>
</table>

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

Remarks: Gravel packing, cementing, packers, type of shut-off. Cementsed around outside of 6" casing to 16 ft.

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. Issuer 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: W.179
Driller's Signature: [Signature]
Date: 6/1/70
Notice of Completion of Groundwater Appropriation by Means of Well

Owner: John Smith
Address: 123 Elm St., Helena, MT
Driller: John Doe
Address: 456 Oak Ave., Helena, MT
Date of Notice of Appropriation of Groundwater: Jan 1, 1975
Date well started: Aug 30, 1969
Date completed: Aug 30, 1969
Type of well: Drilled
Equipment Used: Rotary
Water Use: Domestic [X] Municipal [ ] Other [ ] Irrigation [X]

"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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**Static Water Level for non-flowing Well:** 50 ft
**Shut-in Pressure for Flowing Well:** 50 ft
**Pumping Water Level:** 50 ft
**Discharge in gal. per min. of flowing well:** 70 gal
**How Tested:** Length of Test
**Remarks:** (Gravel packing, cementing, packers, type of shut-off, 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)

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“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."