DRILLER'S LOG

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

Notice of Completion of Groundwater Appropriation by Means of Well

Developed after January 1, 1962

(Amended chapter 237, Montana Session Laws, 1961, as amended)

Top of Ground

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>From</th>
<th>To</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>5</td>
<td></td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>150</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Owner: Warren A. Kisic
Address: P.O. Box 739, Helena

Date well started: April 25, 1973
Completed: April 14, 1973

Type of well: Drilled
Equipment used: Rotary

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

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 60,000

<table>
<thead>
<tr>
<th>Size of Piping Hole</th>
<th>Size and Weight of Liner</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>Plastic liner</td>
<td>10</td>
<td>150</td>
</tr>
</tbody>
</table>

Static water level 15 feet
Pumping water level 10 feet

Well developed from ground level
Power: Pump: HP
Remarks: Gravel pack cementing packers, type of shut-off

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

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

Each small square represents 40 acres

Driller's Signature: Wesley Lindsay
Driller's Address: Clancy, Montana

LICENSE NO: 38

Show exact depth of bottom 150 feet
File No. ........................................

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Louis H. Cooran .................................. Address ..................................
(Name of Appropriator) (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; and how continuous the use has been 
between 1946-50 and each year from April through December: ..................................

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons per day ..................................

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 ..................................

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, by electric pump and into the plaintiffs system ..............

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater sometime between 1946-50 by the previous owner, Paul Knap ..................................

8. The depth of water table about 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: There is one well which is drilled to a depth of about 40 feet. There is an electric driven pump with a 2 inch pipe for suction and is used for house water and fire protection, if necessary ..................................

10. The estimated amount of groundwater withdrawn each year about 500 gallons ..........................

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, Louis H. Cooran
Date, Dec. 28, 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. 1966
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>5-7-3</td>
<td>972001</td>
<td></td>
</tr>
<tr>
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<td>5-7-3</td>
<td>972001</td>
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<tr>
<td>1</td>
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<td>5-7-3</td>
<td>972002</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Thomas Ellen Ward</td>
<td>5-7-4</td>
<td>814.27</td>
<td>sand</td>
</tr>
<tr>
<td>27</td>
<td>Thomas Ellen Ward</td>
<td>5-7-4</td>
<td>814.27</td>
<td>sand</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

Owner: Clinton L. & Ruth W. Pierson
Address: Box 356, East Helena, Montana
Contractor (if any)
Address of Contractor
Date Started: May 20, 1972
Date Completed: Sept. 22, 1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   Natural flow from developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.) Gravity or pump

3. Depth of water table not applicable

4. Use of the water Household & yard irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute

6. If used for irrigation, give number of acres and description of land 5 acres - mountain park

7. Estimate amount of water used each year 3,456,000 gallons

8. Months of year spring flows March through

Signature of Owner

Date 9-26-72
97200

RECORER'S OFFICE
Jefferson County, Montana

Filed for record this 19th day of April, 1940
at 10:30 o'clock a.m.

[Signature]
County Recorder
Fees, $1.00

By Carl A. Muhle, Jr.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

For Administrator's Use
File No. 92261

Oct. 10, 1972

GW 1

Owner: Clinton L. & Ruth W. Pierson
Address: Box 356, East Helena, Montana

Contractor (if any)
Address of Contractor

Date Started May 20, 1972, Date Completed Sept. 22, 1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

Using natural flow from a developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

Gravity

3. Depth of water table

not applicable

4. Use of the water

Household and stock watering, irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute)

20 gallons per minute

6. If used for irrigation, give number of acres and description of land

5 acres - mountain park

7. Estimate amount of water used each year

6,912,000 gallons

8. Months of year spring flows

March through October

Signature of Owner

Date

8-26-72

51,592
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

Clinton L. & Ruth W. Pierson
Owner
Box 356, East Helena, Montana

For Administrator's Use
File 9282
Oct. 10, 1972 – 8:30 a.m.
GW 1

Date Started: Sept. 22, 1972
Date Completed: Sept. 22, 1972

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.)
   Using natural flow
   from a developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.)
   Gravity

3. Depth of water table
   Not Applicable

4. Use of the water
   Household, yard & irrigation

5. Amount of groundwater claimed (in miner's inches or gallons
   per minute) .10 gallons per minute

6. If used for irrigation, give number of acres and description of
   land 5 acres, yard and mountain park

7. Estimate amount of water used each year 3,456,000
   gallons

8. Months of year spring flows
   March through
   October

Signature of Owner
Date 7-26-72

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated

J. G. 3 Revised 1969
1972-500-10.92

Jefferson County
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

NAME: Ellen Ochsen
Address: Cottage Ave
Town: St. Paul
State of: Montana
County of: Jefferson

Date of Appropriation: 1-1-1962

The following groundwater has been appropriated according to the Montana laws in effect prior to January 1, 1962:

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

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: Mrs. Ellen Ochsen
Date: Aug 5, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
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<td>NW 3</td>
<td>94826</td>
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<tr>
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<td>Wheeler George B</td>
<td>NW 4</td>
<td>94179</td>
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<tr>
<td>2</td>
<td>Irwin Bert</td>
<td>NW 2</td>
<td>94170</td>
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<tr>
<td>3</td>
<td>Wood Duck Creek 70</td>
<td>NW 2</td>
<td>93880</td>
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<tr>
<td>4</td>
<td>Lee Theresa</td>
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<td>5</td>
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<td>10</td>
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<td>NW 3</td>
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<td></td>
</tr>
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<td>12</td>
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<td>NW 3</td>
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<td>Mark Ralston</td>
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<td>82878</td>
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</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: Since 1961
Owner: George B. Chaffee
Address: Box 124, Clancy, Mont.
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. Spring - seepage - Water collects in horizontal mine shaft - No run-off - have to
gravity water by means of a hose or pipe:
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. Potential approx. 30 gallon per minute in spring and early summer: gravity water in spring and early summer for irri-
ation purposes:
Signature of Owner: George B. Chaffee
Date: 2-1-63

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

1. Name of Appropriator of Roy M. Class
   (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: Household, domestic and irrigation

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): Twenty 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: Land vegetaion and crops

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: January 1, 1955

   8. The depth of water table: 10 feet

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

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

   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:

Signature of Owner, George B. Chaffee
Date: 12-29-65

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.

Owner:
Name:
Address:

Date well started: Dec. 21
Date well completed: Dec. 22

Type of well: drilled
Equipment used: churn

Water Use: Domestic X 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 Hole</th>
<th>Size of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17</td>
<td>0</td>
<td>50</td>
<td>Liner, from 50 - 75 ft</td>
</tr>
</tbody>
</table>

Static water level: 4.5 ft
Pumping water level: 7.0 ft
at 15 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by ________________ for ____________ hours.
Power Source: ________________ HP
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: ____________________
Driller's Address: ____________________

LICENSE NO: 38

7C. Show exact depth of bottom
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 | Address  
--- | ---  
Clancy Effert |  

Date well started | Aug. 3, 70  
Completed | Aug. 9, 70  
Type of well | Drilled  
Equipment used | Chain  
Water Use: Domestic | ☑  
Municipal | ☐  
Stock | ☐  
Irrigation | ☐  
Industrial | ☐  
Drainage | ☐  
Other | ☑  
Garden/Lawn | ☑  

*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).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Time of Flow</th>
<th>Size of Flow</th>
<th>Rate of Flow</th>
<th>PERFORATIONS</th>
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<tbody>
<tr>
<td>6&quot;</td>
<td>1716</td>
<td>0</td>
<td>22</td>
</tr>
</tbody>
</table>

Static water level | 30 ft.  
Pumping water level | 20 ft.  
Rate at which water is found and height to which water rises in well.

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 40 ACRES.

Driller’s Signature:  
Clancy Effert  
Driller’s Address:  

Show exact depth of bottom.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1945

Owner: Herman Lee
Address: Laurel

Contractor (if any): None
Address of Contractor: 

Date Started: June 1, 1945
Date Completed: July 1, 1945

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural run for watering cattle, two feet to water line.

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. 

Per minute for both springs

Signature of Owner: Herman Lee
Date: Dec. 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 School of Mines 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: 1940
Owner: Herman Lee
Address: Louisville, Montana
Contractor (if any): none
Address of Contractor:

Date Started: Oct. 1941
Date Completed: Dec. 1941

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

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

Signature of Owner: Herman Lee
Date: Dec. 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 School of Mines and Quadruplicate for the Appropriator.
82010

RECORD'S OFFICE
Jefferson County, Montana

Filed for record the 6th day of Dec.
A.D. 1923, 11 o'clock A.M.

M. M. Travers
County Recorder

Form 5 250
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: 1954

Owner: ____________________________ Address: ____________________________

Contractor (if any): none

Address of Contractor: ____________________________

Date Started: 1954 Date Completed: 1954

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

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:

Signature of Owner: ____________________________ Date: 11-9-63

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 School of Mines 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: 1955

Owner: Robert Marks
Address: Clancy

Contractor (if any): None

Address of Contractor:

Date Started: 1955
Date Completed: 1955

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

Conduit to be pipe.

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.

Each spring as measured through a pipe under pressure. Well year annual.

Signature of Owner: Robert Marks

Date: 1-9-63

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 School of Mines 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

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: Ron Larson

ADDRESS: Bot 161 File 97854

Clancy, Montana

Date well started: Aug. 16, 1972

Driller’s Signature:喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱 lí

TYPE OF WELL: Drill

WATER USE: Domestic

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

Driller's Signature:喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱喱 lí

DRILLER'S LOG

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

Top of Ground (El. above sea level)

<table>
<thead>
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<th>From</th>
<th>To</th>
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<td>0</td>
<td>60</td>
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Indicated strata: Topsoil & sand

60 ft. gravel

36 ft. clay & gravel

38 ft. sandstone

52 ft. gravel

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: 80,000

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<th>Size of Defined Well</th>
<th>Size and Weight of Cutting</th>
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<td>6&quot; 17 lbs.</td>
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Perforations: None

Static water level: 25 ft.
Pumping water level: 60 ft.

Pumped: 66 gallons per minute, measured 66 minutes after pumping began.

*Measured from ground level.

Well developed by electric power.

Power: Electric Pump: 3/4 HP.

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

Driller's Address:

Driller's Signature:

LICENSE NO. 38
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: 1956
Owner: Robert Marks
Address: Cleary
Contractor (if any): None
Address of Contractor:
Date Started: 1956
Date Completed: 1956

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

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: Robert Marks
Date: 11-9-63

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 School of Mines and Quadruplicate for the Appropiator.
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 1957-1962

Owner: Robert R. Marsh
Address: Clancy

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. Spring flow confined to a pipe.

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: Robert R. Marsh
Date: 11-9-63

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 School of Mines 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

Owner: Robert Marks
Address: Classy
Contractor (if any): none
Address of Contractor:

Date Started: 1967  Date Completed: 1967

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

Sprinkler system
Confined to a flume

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.

Lined with a pipe under pressure.

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

Signature of Owner: Robert Marks
Date: 11-9-63

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 School of Mines 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
Owner

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.

Spring from confidant to a pipe

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

Signature of Owner

Date

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 School of Mines and quadruplicate for the Appropiator.
RECORDS OF:

Jefferson County, Montana

Filed for record this 12 day of May
in the year 1905

Adele M. D.

Rec. 6 205
Notice of Completion of Groundwater Appropriation Without Well

(State of Montana
Administrator of Groundwater Code
Office of State Engineer)

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1967
Owner: Robert Marks
Address: Clancy
Contractor (if any) None
Address of Contractor
Date Started 1967
Date Completed 1967
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes": Include depth to water when applicable. Spring flow confined to a pipe.

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 lined as measured through a pipe under pressure.

Signature of Owner Robert Marks
Date 11-9-63

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 School of Mines and Quadruplicate for the Appropriator.
RECORDER'S OFFICE
Jefferson County, Montana

Filed for record this 12th day of Nov
1923

W. M. Dunlop
County Recorder

82897
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater...1967

Owner

Robert Markes

Address

Clancy

Contractor (if any) - none

Date Started...1967 Date Completed...1967

Address of Contractor:

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes," include depth to water when applicable. Spring flow confined to a pipe.

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.

Springs measured through a pipe under pressure.

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

Signature of Owner...Robert Markes

Date...11-9-63

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.
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</tr>
<tr>
<td>19</td>
<td>Ettedall, George R</td>
<td>D. W. 4</td>
<td>832.78</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Hayes, John D</td>
<td>D. W. 4</td>
<td>933.56</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Hayes, Martha</td>
<td>D. W. 4</td>
<td>933.56</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Black, Kenneth P.</td>
<td>D. W. 4</td>
<td>932.66</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Thompson, Mary K.</td>
<td>D. W. 2</td>
<td>966.35</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Gemmell, Edgar L.</td>
<td>D. W. 3</td>
<td>833.22</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Davis, William</td>
<td>D. W. 3</td>
<td>833.22</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Davis, Martha</td>
<td>D. W. 2</td>
<td>886.78</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>McFall, Emily</td>
<td>D. W. 4</td>
<td>835.34</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>McFall, Russell</td>
<td>D. W. 2</td>
<td>847.80</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Gemmell, Edgar L.</td>
<td>D. W. 3</td>
<td>833.22</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Gemmell, Martha</td>
<td>D. W. 3</td>
<td>833.22</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Hayes, Edgar L.</td>
<td>D. W. 4</td>
<td>833.22</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Hayes, Martha</td>
<td>D. W. 2</td>
<td>816.41</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Hayes, John D.</td>
<td>D. W. 4</td>
<td>967.41</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Hayes, Martha</td>
<td>D. W. 2</td>
<td>967.41</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Hayes, Joseph R.</td>
<td>D. W. 4</td>
<td>833.51</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Hayes, Joseph R.</td>
<td>G. W. 8</td>
<td>923.50</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1940-1950

Owner: Robert L. Marks

Address: Clancy

Contractor (if any): None

Address of Contractor: 

Date Started: November 15, 1963

Date Completed: November 15, 1963

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

Spring flow confined to a pipe

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:

Mines, used as measured through a pipe under pressure

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

Signature of Owner: Robert L. Marks

Date: 11-9-63

This form is 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 School of Mines and Quadruplicate for the Appropiator.
RECORDERS OFFICE
Jefferson County, Montana

Filed for record this 12th day of May
A.D. 1900, 10 o'clock A.M.

Alice M. Hammer
County Recorder

Page 3 of 82900
## Notice of Completion of Groundwater Appropriation by Means of Well

### DEVELOPED AFTER JANUARY 1, 1963

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

**Owner:** Robert Marks  
**Address:** Clancy, Mont.

**Driller:** Robert Price  
**Address:** Clancy, Mont.

**Date of Notice of appropriation of groundwater:**

Date completed: **May 26, 1969**

**Type of well:** Drilled  
**Equipment used:** Churn drill

**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>Depth (Feet)</th>
<th>Strata of Water</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6' - 8'</td>
<td>soil, loose</td>
<td>6 5/8'</td>
<td>15 lb.</td>
<td>0</td>
<td>31</td>
<td>1/2&quot; x 3/8&quot;</td>
</tr>
<tr>
<td>9' - 17'</td>
<td>loose silty</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17' - 30'</td>
<td>decomposed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30' - 33'</td>
<td>tight granite</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 to 31'</td>
<td>shallow strata of water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:**  
6 ft

**Shut-In Pressure for Flowing Well:**  
25 lb

**Pumping Water Level:**  
20 gal per minute

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

**Driller:**
- **License Number:**
- **Signature:**

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

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.

---

**County:** Jefferson

**State:** Montana

**Administrator of Groundwater Code:**

**State Water Conservation Board:**

---

**Driller's License Number:**

**Driller's Signature:**

---

**Date of Notice of appropriation of groundwater:**

Date completed: **May 26, 1969**

---

**Number of acres and location or other data (i.e.: lot, block and addition):**

---

**Remarks:**

**(Continue on reverse side)**
**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 227 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:** Ray Buck  
**Address:** Box 97  
**Clancy, Mont.**  
**Date well started:** March 20-73  
**GW 1 2:30 p.m.**  
**Date well completed:** March 21-73

**Type of well:** Drilled  
**Equipment used:** Rotary  
**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 (e.g. lat, Stock and Addition).*

**ESTIMATED ANNUAL WITHDRAWAL: 100,000**

<table>
<thead>
<tr>
<th>Site of ( \text{W} )</th>
<th>Size of Well</th>
<th>Depth</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \text{W} )</td>
<td>( 6'' )</td>
<td>1916 0</td>
<td>24</td>
</tr>
</tbody>
</table>

**Top of Ground**  
(Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2.5</td>
<td>Limestone granite</td>
</tr>
<tr>
<td>7.5</td>
<td>Anhydrite granite</td>
</tr>
<tr>
<td>23.5</td>
<td>Anhydrite-Blod Rock</td>
</tr>
<tr>
<td>82</td>
<td>Dravit</td>
</tr>
</tbody>
</table>

Static water level: 3.5 ft.  
Pumping water level: 100 ft.  
At 30 seconds, gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level.  
Well developed by:  
Power:  
Pump: 2 HP  
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: Wesley Ricker  
Driller's Address: Clancy, Mont.  
LICENCE NO. 320  
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: Douglas F. Martin

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

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

   January 1, 1962 - Continues

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

   30 gpm each well

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

   In use more or less each well

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

   Well pump

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

   1962

8. The depth of water table:

   About 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:

   Well depth: 30 feet

10. The estimated amount of groundwater withdrawn each year:

    200,000 gals each well

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: Douglas F. Martin

Date: 12-26-63

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

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**STATE WATER CONSERVATION BOARD**

DEVELOPED AFTER JANUARY 1, 1962

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

**Owner:** Robert Marks  
**Address:** Gleneo, Mont.

**Driller:** Robert Price  
**Address:** Gleneo, Mont.

Date of Notice of appropriation of groundwater: May 20, 1969  
Date well started: May 20, 1969  
Date completed: May 22, 1969

Type of well: **Drilled**  
Equipment used: **ropped** (Dug, driven, bored or drilled)

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, 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>Stratum</th>
<th>Thickness</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 6' loose sand and gravel</td>
<td>6'</td>
<td>loose sand and gravel</td>
</tr>
<tr>
<td>6 - 12' silt sand and clay</td>
<td>12'</td>
<td>silt sand and clay</td>
</tr>
<tr>
<td>12 - 16' decomposed granite</td>
<td>16'</td>
<td>decomposed granite</td>
</tr>
<tr>
<td>16 - 25' firm decomposed granite</td>
<td>25'</td>
<td>firm decomposed granite</td>
</tr>
<tr>
<td>25 - 30' tight granite</td>
<td>30'</td>
<td>tight granite</td>
</tr>
<tr>
<td>0 - 12' old fill</td>
<td>12'</td>
<td>old fill</td>
</tr>
<tr>
<td>17 - 17.6' water (approx. 5 g.p.m.)</td>
<td>17.6'</td>
<td>5 g.p.m. water</td>
</tr>
<tr>
<td>28 - 30' water (approx. 5 g.p.m.)</td>
<td>30'</td>
<td>5 g.p.m. water</td>
</tr>
</tbody>
</table>

**PERFOMANCES**

<table>
<thead>
<tr>
<th>Well Size</th>
<th>Rate</th>
<th>Flow</th>
<th>Test Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>65/6&quot; O.D.</td>
<td>15 lb.</td>
<td>0 - 17</td>
</tr>
</tbody>
</table>

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

**Shut-in Pressure for Flowing Well**

**Pumping Water Level:** 20 feet  
**at:** 20 gal. per minute.

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

**How Tested:** Driller

**Length of Test:** 1 hour

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

**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; these copies to be retained by driller.

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

Driller's License Number: 12

Driller's Signature: Robert Price

Date: 6/6/15
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Robert S. Mark
County: Jefferson
City: Clancy

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

1. Name of Appropriator: Robert S. Mark
2. The beneficial use on which the claim is based: House and irrigated use
3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 gph each well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
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: 1950
8. The depth of water table: 20 ft
9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Dig a casing in reddish soil
10. The estimated amount of groundwater withdrawn each year: 200,000 each well
11. The log of formations encountered in the drilling of each well if available: Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: 

Signature of Owner: Robert S. Mark
Date: 11-9-63

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

Notice of Completion of Groundwater Appropriation
Without Well
Developed After January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 

Owner: 
Address: 

Contractor (if any): 
Address of Contractor: 

Date Started: Date Completed: 

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.). 

2) Means of withdrawing water (gravity, pump, canal, etc.). 

3) Depth of water table: 

4) Use of the water: For livestock use, etc. 

5) Amount of groundwater claimed (in miner's inches, or gallons per minute): approx. 

6) If used for irrigation, give number of acres and description of land used or described near the water table and in the vicinity: 

7) Estimate amount of water used each year: 

Signature of Owner: 

Date: 

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.