Notice of Completion of Groundwater Appropriation

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 4/1/72

Owner

Contractor (if any)

Address of Contractor

Date Started: 4/1/72, Date Completed: 4/1/72

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

How developed?

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.

F.1.3. Sec. 1 T. Mul R. M.

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

 Gallons Per minute claimed?

Use

Signature of Owner

Date: 4/1/72

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.
<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>GW2</td>
<td>300527</td>
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<td>GW2</td>
<td>281911</td>
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<td>37</td>
<td>Heimes, J.C. or David</td>
<td>GW2</td>
<td>076648</td>
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</tr>
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</table>
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Donald V. Roth, a citizen of the State of Montana, having filed in the office of the County Clerk and Recorder of the county in which the well is located, a Declaration of Vested Groundwater Rights, pursuant to the provisions of Montana Session Laws, 1961, chapter 237, a true and correct copy of which is heretofore filed in this office, and being the owner of certain groundwater located in the county of Madison, State of Montana, and having appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator
2. Address
3. Town

County of Madison, 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 is for domestic and stock.
3. Date or approximate date of earliest beneficial use, and how continuous the use has been since then:
   - 1943 for stock
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   - 1 acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Pump and solar electric hoist and electric pump under house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - 1943 for stock, 1940 for domestic
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:
   - 7½ foot drilled 15 feet
10. The estimated amount of groundwater withdrawn each year:
   - 500,000 gallons
11. The log of formations encountered in the drilling of each well if available:
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner: Donald V. Roth
Date: December 31, 1963

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Lee Elliott, of Clinton, Missoula, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Domestic and business, dwelling, cafe, lounge, motel.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1948 - continuous.

4. The amount of groundwater claimed (in minor's inches or gallons per minute): 50 gallons 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: Lawn, plunge and shrubbery.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1/2 h.p. electric motor and pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1948 commenced and completed.

8. The depth of water table: 4 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: 6 inch casing. 12 feet deep.

10. The estimated amount of groundwater withdrawn each year: 500,000 gallons annually.

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

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: [Signature]
Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the AppropRIATER.
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: ________________

For Administrator's Use:
File No.: 2424.338.01

Date well started: ________________
Completed: ________________

Type of well: __________________________

Equipment used: __________________________

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).

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: __________________________
Driller's Address: __________________________

Top of Ground

<table>
<thead>
<tr>
<th>Flat</th>
<th>Below</th>
<th>Foot</th>
<th>Toe</th>
<th>Flat</th>
<th>Below</th>
<th>Foot</th>
<th>Toe</th>
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<tbody>
<tr>
<td>3600</td>
<td></td>
<td></td>
<td></td>
<td>3600</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: ______ ft.

Pumping water level: ______ ft.

at ... Gals. per minute, measured 2 minutes after pumping began.

* Measured from ground level.

Well developed by ____________ for ____________ hours.

Power-Pump: ____________ HP

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: __________________________
Driller's Address: __________________________

78' Show exact depth of bottom

52,520
I received and filed this instrument for record on the 26th day of Feb., 1926, at 10 o'clock A.M., at the permanent files of Missoula County, State of Montana.

Witness my hand:

Dorothy L. Hau, County Recorder
By: ___________, Deputy

Fee $______ Paid $__
Decloration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ida Byrnes Donnelly
   of  Clinton  Montana
   (Name of Appropriator) (Address) (Town)

   County 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 and irrigation - lawn and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gallons per minute

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof:
   One and two-tenths acres on which is located a residence, lawn and garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1959

8. The depth of water table: 11 feet and 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: 5 inch casing - 30 feet deep

10. The estimated amount of groundwater withdrawn each year: 40,000 cubic feet - or 340,000 gallons

11. The log of formations encountered in the drilling of each well if available:
   Well was drilled by John Farrell, Aries, Montana.

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: Ida Byrnes Donnelly
Date: October 15, 1966

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.

41, 560
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Jim A. Ekstrom**, Clinton
   (Name of Appropriator)
   (Address)
   County of **Missoula**
   State of **Montana**
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1862, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1959**
   **CONTINUOUS**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **3 inches**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied, and name of the owner thereof: **7 ACREs, Hay & pasture**
   **JIM A. EKSTROM**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1959**

8. The depth of water table: **20 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:
   **Electric Pump 6' Gasmq 15' Jet**

10. The estimated amount of groundwater withdrawn each year: **100,000 gal. per yr.**

11. The log of formations encountered in the drilling of each well if available: **Rock & 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: **Jim A. Ekstrom**
Date: **Dec 31, 1963**

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I received and filed this instrument for recording on the 21st day of Sen. 19, at 2:10 p.m., in the presence of the above-named party, that I have executed this instrument.

Witness my hand.

[Signature]

Martin G. Simms, County Recorder

[Signature]

Deputy

[Date] Paid
Notice of Completion of Groundwater Appropriation by Means of Well

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

Owner: Jim A. Ekstrom
Address: Box 71 Clinton

Driller: Donald R. Beebe
Address: Arlee

April 28 - April 28

Type of well: Household
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.

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)

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

Household

Show exact depth of bottom.

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

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

Driller's Signature: Donald R. Beebe

Drilled Well

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

1. Jim A. Ekstrom, of Chinton
   (Name of Appropriator) (Address)

County of Missouri, 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1954
   Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3'

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1954

8. The depth of water table: 20

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:
   GH Casing
   14 ft
   Electrical Jet

10. The estimated amount of groundwater withdrawn each year:

11. The log of formations encountered in the drilling of each well if available:
   1001-1000 Gals Per 1000 ft
   Rock 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: Jim A. Ekstrom
Date: March 31, 1967

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.
I received and filed this instrument for record on the 31st day of March, 67, at 2:30 o'clock P.M., permanent file of Missoula County, State of Montana.

William Hoy, Clerk
Vigilante Committee, County Recorder
By: George P. Hoover, Deputy
Feb. 1, 1907,Filed Copy
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Jeffrey L. and Gale R. Gori
Owner
Address: Clinton, Montana

Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 8/27/60 Date completed: 9/1/60

Type of well: Drilled Equipment used: Cable tools

(Churn drill, rotary or other)

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

Industrial [ ] Drainage [ ] Other [ ]

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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.

Indicate location of well and any other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

Approximately 9 acres.

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, a fourth 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
I received and filed this instrument for
record on the 17th day of November, 1928,
J. E. Dorsey, Clerk, F. W. Anderson, Clerk
of Minerals County, State of Wyoming
Witness by hand

E. N. Dorsey, Clerk, County Recorder

Benjamin H. Clark, County Recorder

F. A. Coates, County Recorder

1855.00

M. H. Adkins

201

300527

1500.00
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Robert M. &
Owner: Sonja A. Bassett
Address: Clinton, Montana

Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of Appropriation of groundwater: None filed

Date well started: 4/11/69
Date completed: 4/18/69

Type of well: Drilled
Equipment used: Cable Tools
(Doug, 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 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</th>
<th>Type of Well</th>
<th>Diameter</th>
<th>Weight of Casing</th>
<th>Length</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 ft</td>
<td>G 5/8&quot;</td>
<td>OD x 3/4&quot;</td>
<td>+116&quot;</td>
<td>79'</td>
<td>Mills</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: Air-Lift-Pump

Length of Test: Four-hours

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

All water entering well is coming through perforations in eight inch casing. Wells in this area can be depended upon to produce clear sand-free water year after year as long as they are not overpumped. They should be pumped at rates not in excess of 10 to 15 per cent of the testing capacity as well.

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).

All of those portions of Lots 2, 3, 4 and W/2 SEQ NWQ, E/2 E1: SEQ NWQ, NEQ SWQ and W/2 SEQ of the south right-of-way line of Gilbert Creek Road on both sides of that county road known as Rock Creek Road and all of that portion (Continue rev. side)

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, third 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

45, 239
tion of the W\% E\% SW\% NW\% lying East of the County Road known as Rock
Creek Road, all of said tracts lying and being in Section 30, T11N,
R16W, P.M.M., in Granite County, Montana, and that portion of Section
23, T12N, R17W, P.M.M., Missoula County, Montana, situated southerly
from the South right-of-way line of Gilbert Creek Road and Easterly
from Rock Creek, being a tract of land in the Southeast corner of said
section.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1982

(Under Chapter 237, Montana Session Laws, 1981)

Owner: J. C. Helms
Address: Great Falls, Montana

Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 9/12/65
Date completed: 9/28/65

Top of Ground
(Approx. Elevation above sea level)

Formations Log:

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<th>Depth</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>Gravel mixed in tan to brown silty clay</td>
</tr>
<tr>
<td>18</td>
<td>Red &amp; gray rock in alternate layers</td>
</tr>
<tr>
<td>39</td>
<td>Dark gray rock</td>
</tr>
<tr>
<td>61</td>
<td>Brown rock</td>
</tr>
<tr>
<td>88</td>
<td>Dark gray rock</td>
</tr>
<tr>
<td>88</td>
<td>Brown rock</td>
</tr>
</tbody>
</table>

Water in cracks & seams:

<table>
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<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Pumping Rate at 30 Feet</th>
<th>Prolongations</th>
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</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>5 5/8&quot; x 14&quot;</td>
<td>41 6/16&quot;</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 39 feet
Shut-in Pressure for Flowing Well: Non-Flowing
Pumping Water Level: 40 feet
Discharge in gal. per min. of flowing well: 48.1 gal. per minute.

All water entering well occurs from cracks & seams in rock below 60 feet

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

(Continue on reverse side)

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

Domestic purposes, including watering pasture, lawns, dairies and truck gardens

Show exact depth of bottom.

Bottom of hole 101 ft

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, three 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

44,750
<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>7</td>
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<td>9</td>
<td>Cook, Myrtle S.</td>
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<td>9</td>
<td>Hancock, Watson L.</td>
<td>GW4</td>
<td>214086</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Maj. John T.</td>
<td>GW2</td>
<td>299341</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Cook, Myrtle S.</td>
<td>GW4</td>
<td>215027</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Moncada, Donald E.</td>
<td>GW1</td>
<td>215037</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Memma, Fish &amp; Game</td>
<td>GW2</td>
<td>319036</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Lee Elliott, of Clinton,
   State of Montana

   County of Missoula 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:
      - Well No. 1: Domestic - lawn and garden
      - Well No. 2: Irrigation only

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      - Well No. 1: 1959
      - Well No. 2: 1963

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      - Well No. 1: 10 gallons per minute
      - Well No. 2: 100 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:
      - Well No. 1: Lawn and garden - 1/4 acre
      - Well No. 2: 1 acre

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      - Well No. 1: 1/3 h.p. electric motor
      - Well No. 2: 3/4 h.p. electric motor

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      - Well No. 1: 1959
      - Well No. 2: 1963

   8. The depth of water table:
      - Wall No. 1: 6 feet
      - Wall No. 2: 8 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      - Wall No. 1: 4 inch casing 12 feet deep
      - Wall No. 2: In ground 10 feet deep

   10. The estimated amount of groundwater withdrawn each year:
       - Well No. 1: 100,000 gallons
       - Well No. 2: 250,000 gallons

   11. The log of formations encountered in the drilling of each well if available:
       - Gravel for both wells

   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: Lee Elliott
   Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriate.
No text is visible on this page.
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: July 14, 1960
Owner: H. T. Brown

Contractor (if any): None
Address of Contractor: Box 228

Date Started: July 14, 1960
Date Completed: July 14, 1960

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

Flow developed: 300 gal per hr. (20 minutes to fill 100 gal tank)

Signature of Owner: H. T. Brown
Date: 12/26/60

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)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE ENGINEER

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

1. Harold T. Brown, of Beka, Clinton

County of MISSOURI 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: RESIDENTIAL

3. Date or approximate date of earliest beneficial use: AUG. 30, 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 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:

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:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

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 similar record:

Signature of Owner: Harold T. Brown
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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
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: RAY CRINALKI
Address: 309 S. Washtenaw St.

Date well started: JAN. 1, 1973
Date well completed: JAN. 3, 1973

Top of Ground (size, above sea level)

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>30'</td>
<td>Well pit</td>
</tr>
<tr>
<td>30'</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>20'</td>
<td>Surface water, sand and gravel</td>
</tr>
<tr>
<td>22'</td>
<td>Sand, silt and gravel</td>
</tr>
<tr>
<td>30'</td>
<td>Water, sand and gravel</td>
</tr>
<tr>
<td>30'</td>
<td>Water, sand and gravel</td>
</tr>
<tr>
<td>30'</td>
<td>Water, sand and gravel</td>
</tr>
<tr>
<td>30'</td>
<td>Water, sand and gravel</td>
</tr>
</tbody>
</table>

Type of well: DRILLED

Equipment used: CHIRN

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).

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

Driller's Signature: [Signature]
Driller's Address: 1859 So. 5th W., Missoula, Mont.

LICENSE NO. 121

Show exact depth of bottom

52,915
I received and filed this instrument for record on the 13th day of April, 1935, at 11:30 o'clock a.m., in the Probate Office of Missoula County, State of Montana.

Witness my hand:

Dorothy L. Head, County Recorder.

Deputy

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

<table>
<thead>
<tr>
<th>1. Lee Elliott</th>
<th>of Clinton</th>
<th>(Name of Appropirate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of Missoula</td>
<td>State of Montana</td>
<td>(Address) (Town)</td>
</tr>
</tbody>
</table>

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.
   - Wall No. 1 - domestic and lawn
   - Wall No. 2 - domestic and lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - Wall No. 1 - 1925
   - Wall No. 2 - 1935

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - Wall No. 1 - 10 gallons per minute
   - Wall No. 2 - 10 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.
   - Both wells for lawn irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   - 1/2 h.p. electric motor and pump each well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   - Wall No. 1 - 1925
   - Wall No. 2 - 1935

8. The depth of water table.
   - 12 feet in each well

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.
   - Wall No. 1 - open well - 6 by 6 - 12 feet deep.
   - Wall No. 2 - 6-inch casing - 20 feet deep

10. The estimated amount of groundwater withdrawn each year.
   - 100,000 gallons each per year

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

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: [Signature]
Date: December 31, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]
County: [County]

Date of Notice of Appropriation of Groundwater: 7/26/62
Date well started: 7/23/62
Date Completed: 7/25/62

Type of well: Drilled
Equipment Used: Gamma drill

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Stock [ ] U.S.I.S. Campground [ ]

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

<table>
<thead>
<tr>
<th>Depth Traveled</th>
<th>Weight of Drilled Hole</th>
<th>Pressure for Flowing Well</th>
<th>Discharge in gal. per min. of flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>67', B.</td>
<td>795 lbs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 6 feet.
Shut-in Pressure for Flowing Well: Not flowing
Pumping Water Level: 12 feet at 200 gal. per minute.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

License No. 7
Driller's License Number
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 16th day of... 1967
at 10:30 o'clock am., in the permanent file
of Missoula County, State of Montana
Witness my hand:
MARTIN B. SHERMAN, County Recorder
By: [Signature]
Deputy
Dec. 1, 1967
File
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Driller</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Forest Service</td>
<td>Unknown</td>
<td></td>
<td>1937</td>
</tr>
</tbody>
</table>

Location: Sec. 7 T. 11N. R. 16N. 1/4 sec. NWSE

Type of well: Unknown

Equipment used:

- Type (Dug, driven, bored, or drilled)
- Churn drill, rotary, others

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

Casing:
- Top ft. to 38 ft. Type Steel Size 8
- [ ]
- [ ]
- [ ]

Perforated or Screened: Ft. Unknown to ft. [ ]

Type of screen or perforations:

Static Water level, for non-flowing well: 30 feet

Shut-in pressure, for flowing well: [ ] lb./sq. in. on: [ ] (date)

Pumping water level: 20 feet at 50 gal. per min

How tested: Timed filling of 1500 gallon system

Length of test: 28 Minutes

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

Unknown

(over)
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, 1951, 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
MONTANA STATE HWY DEPT

Address Clinton - East & West

PROJECT No: 130-2(28)1897

Date well started July 20, 1970

Type of well Drilled

Equipment used Churn Drill

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

*Describe Comfort Station

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>Site of Drilling</th>
<th>Site and Weight of Casing</th>
<th>Length</th>
<th>Diameter</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 6&quot;</td>
<td>15 lb per ft</td>
<td>31&quot;</td>
<td></td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level 13 ft.

Pumping water level 27 ft.

at 47 gallons per minute, measured after pumping began.

*Measured from ground level.

Well developed by Pumping for 8 hours.

Power 2 HP. Pump 5 HP.

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

To be filled to 15 ft. on grading

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

Driller's Signature

Driller's Address

LICENSE NO. 7

Show exact depth of bottom 4/7/15
I received and filed this instrument for record on the 29th day of July, 19** at 11:00 A.M. in the office of Mineral County, State of Wyoming.

Witness my hand.

Vernon R. Crum, County Recorder.

By: [Signature] Deputy

[Stamp]
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: MONTANA STATE HWY. DEPT.
Address: Clinton - East & West

Project #: 190-2(32)12CU1

Date well started: July 22, 1970
Completed: July 23, 1970

Type of well: Drilled (Dug, 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:* Comfort Station

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 Well</th>
<th>Size and Shape of Cutting</th>
<th>From Top</th>
<th>To Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” I. D.</td>
<td>6” F. D.</td>
<td>5’</td>
<td>5’</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforations</th>
<th>Blasted Size</th>
<th>From Top</th>
<th>To Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 13 feet
Pumping water level: 97 feet
at 77 gallons per minute, measured 5 minutes after pumping began.

*Measured from ground level.

Well developed by: Pump for 8 hours.
Power: 50 hp.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

*to be filled within 1/4th of top of casing*

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

Driller's Signature: [Signature]
Driller's Address: CAMP WELL DRILLING & PUMP SUPPLY

[Map Diagram]

Show exact depth of bottom: 217824

Top of Ground (Elev. above sea level): 3559.7

<table>
<thead>
<tr>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2</td>
<td>Black Dirt and Gravel</td>
</tr>
<tr>
<td>2.16</td>
<td>Sand and Gravel</td>
</tr>
<tr>
<td>14.28</td>
<td>Silty sand and gravel</td>
</tr>
<tr>
<td>28.8</td>
<td>Sand and Gravel</td>
</tr>
<tr>
<td>&amp; Water</td>
<td></td>
</tr>
</tbody>
</table>
I received and filed this Instrument for record on the 24th day of May, 1978 at 11:55 a.m., pursuant to the
laws of Missouri, State of Missouri
Witness to the Record

[Signature]

County Recorder

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Myrtle S. Cook
(Name of Appropriator)

2. The beneficial use on which the claim is based. Domestic, irrigation, and stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Continuous since 1950-1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 360 gallons per hour, 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: Wells 3 and 4, Tract in Right of Section 9, Township 11 North, Range 16 West, M.P.N.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Wells 3 and 4, 1950-1951

8. The depth of water table. Depth of each well 40'; depth of water table 20'

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. Wells 3 and 4. 6" casing; 1" to 1½" pipe. To withdraw 1 horsepower electric motor

10. The estimated amount of groundwater withdrawn each year. Wells 3 and 4, 250,000 gallons

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

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

Signature of Owner. Myrtle S. Cook
Date December 27, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I received and filed this instrument in record on the 6th day of August, 1893, at 2 o'clock, P.M., in the name and behalf of Mineral County, State of Montana.

Witness my hand.

Miner, Deputy County Recorder.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Approximation</th>
<th>Description of Lands</th>
</tr>
</thead>
<tbody>
<tr>
<td>1948</td>
<td>1/4 Section 9, Township 11, Range 16, T.11 N. R. 16</td>
</tr>
</tbody>
</table>

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

2. The beneficial use on which the claim is based is household, lawn and shrub use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. **Well was drilled in 1948 and has been in continuous use ever since.**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Approximately 1/4 acre surrounding home, owners, Watson L. and Arlis Haashek.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Withdraw by 3/4 H. Electric motor, well just below house.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Started and completed in 1948.**

8. The depth of water table: **20 feet.**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **5-inch casing, 40 feet deep.**

10. The estimated amount of groundwater withdrawn each year: **500,000 gallons.**

11. The log of formations encountered in the drilling of each well if available: **None.**

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

**Signature of Owner:**

**Date January 8, 1964**

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.
I received this instrument for record on the day of , 19__.

Recorded at the office of the Clerk of the District Court, County of Montana.

Witness my hand:

[Signature]

Deputy
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 driller 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.

John J. and
Owner: Lola Mae Hope
Address: Clinton, Montana

Date well started: 10/28/70
Completed: 10/30/70

Type of well: Drilled

Equipment used: Cable tools

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

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe

Usage: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition) and approximately 20 acres.

ESTIMATED ANNUAL WITHDRAWAL: 300,000 gallons

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Drilled Hole</th>
<th>Length of Casing</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 3/8&quot;</td>
<td>6' x 3/8&quot;</td>
<td>21'</td>
<td>65'</td>
</tr>
</tbody>
</table>

Static water level: 51.6 ft.
Pumping water level: 43.9 ft.

Well developed by air lift for 2½ hours.
Pump: 30 HP. Pump: 30 HP.

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through open bottom of six inch casing, wells in this area can be...

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

Driller's Signature: Liberty Drilling Company
Driller's Address: 2500 Reserve Street

Notice: 65 ft. Shows exact depth of bottom water rises in well 51.7 ft. from surface.

License No: 26
depended upon to produce clear sand-free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 30 to 60 percent of the tested capacity of the aquifer.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Muriel G. Cook**
   - *(Name of Appropriator)*
   - *Clinton*
   - *(Address)*
   - *(Town)*
   - *Missoula*
   - *(State)*
   - *(County)*

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

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2. The beneficial use on which the claim is based: **Domestic, Irrigation, and stock water**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since that date: 1926, 1927, continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **360 gallons per hour, 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:
   - **Wells 1 and 2, tract in E1/2 Section 10.**
   - **Township 11 North, Ranges 16 West.**
   - **Owner: Muriel G. Cook**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Wells 1 and 2, 1926-27, drilled wells with 6" casing.**

8. The depth of water table: **depth of each well 70', depth of water table 30'.**

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: **Wells 1 and 2, 6" casing; 1" to 1½" pipe to withdraw; 1½ horse电力 motor.**

10. The estimated amount of groundwater withdrawn each year: **Wells 1 and 2, 300,000 gallons**

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

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

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**Signature of Owner:**

**Muriel G. Cook**

**Date:** December 27, 1963

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

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

Original to: the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. I, Donald Campbell, of Clever, County of Jackson, 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.

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.

5. The probable or intended date of first beneficial use.

6. The probable or intended date of commencement and completion of the well or wells.

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.

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.

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriate.
I received and filed this instrument on the 24th day of December, 1962, at 4 O'clock P.M., pursuant to the laws of the County, State of Montana.

Witness my hand:

[Signature]

Newton C. Johnson, County Recorder

Received: 1/25/63, Paid.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Appropriation by means of well shall be permitted only by means of a well, bored or drilled by a person who is a public or regular contractor for such purposes, and who shall be licensed by the State Board of Public Contractors to do such work.)

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: Montana Fish and Game

Address: 

Helena, Montana

Date well started: 5/8/75

Date well completed: 5/15/75

Type of well: Drilled

Equipment used: Cable Tools

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

*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.

Estimated Annual Withdrawal: 15,758,000 gallons

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

Top of Groundwater Appropriate shows sea level 3236'

From (Foot) To (Foot) From (Foot) To (Foot)

0 1. Topsoil 1 2. Black dirt, sand and gravel


17 27. Fine-dirty sand and gravel 27 29. Sand and gravel mixed in clay

29 37. Fine sand, some gravel 42 48. Sand and gravel mixed in clay

33 48. Fine-dirty sand, some coarse sand and gravel mixed in

48 50. Course sand and gravel

Wells developed by Air-Lift Pump for 4 hours.

Power: Gas □ Pump: 30 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff/valve, gravel packed from 35 ft to 50 feet with clean coarse gravel. All water enters well through packing.)

Driller's Signature: 

Driller's Address: 2500 Reserve Street, Missoula, Montana

Driller's Public Contractor License No. 1592A

Montana Public Contractor's License No. 52
these gravels. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped. i.e., they should be pumped at rates not in excess of the tested capacity of the aquifer.
DEPARTMENT OF
FISH AND GAME
Helena, Montana
September 28, 1972

Gentlemen:

This will be with reference to the well drilled at Beavertail Hill State Recreation Area. Your reference as follows:

Owner: Montana Fish and Game Department
Address: Helena, Montana 59601
Location: T-11-N R-15-W Section 11
Doc. No.: 2302-315036

As per your instructions we have checked the location of the well. The location description should be changed to T-11-N R-16-W which will locate it properly in Missoula County.

Sincerely,

Ashley C. Roberts
Assistant Administrator
Recreation and Parks Division

ACR:ed

RECEIVED
SEP 28 1972
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions: Please check the well location!

T.W.N. R.15 W. is located in Granite County and not Missoula County. If the well is located in Granite County the application should be filed in that county.

Thank you. Sept 26/72
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