## Groundwater Index

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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: [Address]

Date well started: [Date]
completed: [Date]

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

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

Describe: [Describe]

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

ESTIMATED ANNUAL WITHDRAWAL: [Amount]

License No.: [License No.]

Driller's Signature: [Signature]
Driller's Address: [Address]

License No.: N/A
STATE OF MONTANA

County of Yellowstone

This instrument was filed in my office

day of

at

MERRILL R. K., C.C.

Deputy Clerk and Recorder

By
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

(Reserved by 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
Date well started
Date well completed
Type of well
Equipment used

Water Use:
Domestic
Municipal
Stock
Irrigation
Industrial
Drainage
Other

*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

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<th>Size of Bore (In)</th>
<th>Size and Weight of Casing (In)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<td>Static water level:</td>
<td>Pumping water level:</td>
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Static water level: NA ft.
Pumping water level: NA ft.

*Measured from ground level.

Well developed by...
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
Driller's Address

LICENSE NO.

Top of Ground

Show exact depth of bottom

Show exact depth of bottom

Show exact depth of bottom

Show exact depth of bottom

Show exact depth of bottom

Show exact depth of bottom

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Show exact depth of bottom
STATE OF MONTANA,  
County of Yellowstone.

This instrument was filed in my office
this____ day of____
at_2:50 o'clock P.M.
MERRILL M. KLUNDT
County Clerk & Recorder

By______

338464
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELI

(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: Gilbert L. Allen
Address: 5010 Garden Ave
Billings, Mont. 59101

Date well started: N/A
Well completed: GW 1: 2-3-73

Type of well: Driven

Equipment used: Pipe

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □ Garden/Lawn □

Describe the well: NA

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). 5.9 ACERS: 0.6 AC of 5.92 AC

ESTIMATED ANNUAL WITHDRAWAL: NA

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<th>Size of Drilled</th>
<th>Size and Weight</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<tr>
<td>2 inch</td>
<td>1 inch</td>
<td>19 1/4</td>
<td>deep</td>
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Static water level: NA
Pumping water level: NA

Power Pump HP: NA
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: NA
Driller's Address: NA

LICENSE NO.: NA

Show exact depth of bottom: NA
STATE OF MONTANA

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

1. C. H. Blennerhassett, of 1482 Pithcoast Dr. Killing
   (Name of Appropriator)

   County of Yellowstone
   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
   - House and yard

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - April 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute - Don't know)

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   - Don't know

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - April 1, 1961

8. The depth of water table
   - 20.62 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
   - Don't know

10. The estimated amount of groundwater withdrawn each year
    - Don't know

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

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

Signature of Owner

Date

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

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

Original to the County Clerk & 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 21, Montana Session Laws, 1965)

1. John F. Bunch, of PT #3, BILLINGS
   (Name of Appropriator) (Town)
   County of: YELLOWSTONE State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   The beneficial use on which the claim is based: DRINKING WATER

   2. Date or approximate date of earliest beneficial use and how continuous the use has been: 1954 CONTINUOUS

   3. The amount of groundwater claimed (in miner's inches or gallons per minute): 65 GALLONS PER MINUTE

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

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

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

   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: 29 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: GIVES BAKERSFIELD DRAINS 39 FEET DEEP

   10. The estimated amount of groundwater withdrawn each year: 3,650 GALLONS PER YEAR

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

   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: UNKNOW

   Signature of Owner: [Signature]
   Date: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Kenneth O. Burns & Son & E. Burns & Son

Address: Billings, Montana

Leroy E. Johnson

Address: Billings, Montana

Driller: Leroy E. Johnson

Date of Notice of Appropriation of Groundwater: 12-30-63

Date well started: 5-12-63

Date Completed: 5-16-63

Water supply: 20 gallon per minute

Water level: 12 ft from grade, top water casing of 27 ft.

Sizes of Definite Hole: 65/8"

Size and Weight of Collar: 11 lbs. above grade - 27 ft

6 ft above grade - 27 ft

80 ft surface pipe

18 ft at source of water

Static Water Level for non-flowing Well: 12 ft from grade feet.

Shut-in Pressure for Flowing Well: 70

Pumping Water Level: 70 feet at 20 gal per minute.

Discharge in gal per min of flowing well: 70

How Tested: Drop

Length of Test: 4 hrs.

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

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.
STATE OF MONTANA
County of Yellowstone

This instrument was filed in my office on this 4-6-08 1993

[Signature]
Deputy
WATER WELL LOG

Owner: Geneva Coyle
Address: 1320 Milwaukee St., Butte, Montana
Driller: Clyde Lemle
Address: 1419 Milwaukee, Butte, Montana

Date Started: March 9, 1961
Date Completed: May 11, 1961

Location: Sec. T R 14 sec.

Type of well: Drilled
Equipment used: Cattle

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

Casing: 0 ft. to 27.1 ft. Type: Black iron, Schedule 60
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

Perforated or Screened: Ft. to Ft. Type: [ ] Size: [ ]

Type of screen or perforations: [ ]

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

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

Pumping water level: [ ] feet at 30 gal. per min.

How tested: [ ]

Length of test: [ ]

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

[ ]
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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: [Address]
Driller's Address: [Address]
License No.: [Number]

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>46' 6&quot; Top Sail</td>
<td>Water Column</td>
</tr>
<tr>
<td>25' 30&quot; Shale</td>
<td>Water Column</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Dug, driven, bored or drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>Churn drill, rotary or other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<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>
<th>Garden/Lawn □</th>
</tr>
</thead>
</table>

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).

<table>
<thead>
<tr>
<th>Estimated Annual Withdrawal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Drilled Hole</td>
</tr>
<tr>
<td>6.2</td>
</tr>
</tbody>
</table>

Static water level 10 ft.
Pumping water level 20 ft.
at 20 gallons per minute, measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Bailing for 3 hours.
Power: 1/2 HP. Pump: Batach
Remarks: (Gravel packing, cementing, packers, type of shutoff, packers, etc.)

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

Driller's Signature: [Signature]
Driller's Address: [Address]
License No.: [Number]

Show exact depth of bottom
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

1. **Donald D. Daleke**, of Billings, Montana

   County of Yellowstone

   (Name of Appropriator) (Address)

   State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1965, as follows:

   2. The beneficial use on which the claim is based. **2 W.S. 625, I II.**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **1960.**

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). **250,000.**

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. **2-2-2.**

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **April 1, 1960.**

   8. The depth of water table. **8 FT. #1**

   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. **None.**

   10. The estimated amount of groundwater withdrawn each year. **550,000 per well.**

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

   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. **Donald D. Daleke**

   Date. **6-31-1965.**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA:  
County of Yellowstone,  
This instrument was filed in my office 
this  
at __________ o'clock, A.M.  
By ______________________  
County Clerk & Recorder  
By ______________________  
Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws 1962)

STATE OF MONTANA

STATE ENGINEER

COUNTY OF

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

1. [Name of Appropria
tor] of 631 W. Bridge St.
   (Address) (Town)
   County of Yellowstone, State of Montana

2. The beneficial use on which the claim is based
   [Description of beneficial use]

3. Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:

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

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:
   - [Acreage]

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

7. Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - [Dates]

8. The depth of water table:
   - [Depth]

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:
   - [Amount]

11. Log of formations encountered in the drilling of each well if available:
   - [Log]

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:
   - [Additional information]

Signature of Owner: [Signature]
Date: [Date]

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
STATE OF MONTANA.
County of Yellowstone.

This instrument was filed in my office
this 11 day of DECEMBER, 1908.

At

Helen B. Fielding,
County Clerk & Recorder

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

1. Name of Appropriate: CLARK K. FERGUS?

2. Address: BILLINGS

3. Town: YELLOWSTONE

4. County: MONT.

5. State of Montana

6. Amount of groundwater claimed (in miner's specifications of any other works for withdrawal of groundwater)

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: CLARK K. FERGUS

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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank Hagar
   (Name of Appropriator)

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

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

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

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

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

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

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

   8. The depth of water table:

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

   10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner

Date

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

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

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

Under Chapter 237, Montana Session Laws, 1961

Date of Notice of Appropriation of Groundwater
Date well started 1-13-67  Date Completed 1-27-67

Type of well: DRILLED Equipment Used: RABE
(Dig, driven, bored or drilled)

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

Indicate 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.

Static Water Level for non-flowing Well 150 feet.

Shut-in Pressure for flowing Well:

Pumping Water Level 20 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: 3-HRS

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cement</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAND STONE</td>
<td>5¼ - 15'</td>
<td>6½ - 18½'</td>
<td>5'</td>
<td>170</td>
</tr>
<tr>
<td>DARK SHALE</td>
<td>5¼'</td>
<td>1½ pieces</td>
<td>5'</td>
<td>170</td>
</tr>
</tbody>
</table>

Driller's License Number: MONT 161
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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Aley Test
Address: Billings

Driller: Address

Date of Notice of Appropriation of Groundwater

Date well started: Date Completed

Type of well: Drilled Equipment Used: Cash Tool
(Churn, drill, rotary or other)

W tter Use: Domestic □ Industrial □ Municipal □ Other □ Irrigation □

Driller: Address

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 (Feet)</th>
<th>Diameter (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0</td>
<td>6.0</td>
<td>Top</td>
<td>1.0</td>
<td>more</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 9 ft.
Shut-in Pressure for Flowing Well: more
Pumping Water Level: 16 ft. at 30 gal. per minute
Discharge in gal. per min. of flowing well
How Tested: more
Length of Test: 3 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation)

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; Quadruplicate for the Appropriator.
STATE OF MONTANA

County of Yellowstone

This instrument was filed in my office this 24th day of June, 1973, at 12:30 clock.

M. KLUNDT

County Clerk & Recorder

By

Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 6-24-73

Owner: HERBERT FREDK Address: R.R. 3 BOX 208, WILLIS, MT

Contractor (If any): NO

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.

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: MARGARET JEA

Date: 6-29-73

This form to be prepared by contractor (if any), otherwise by the owner.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA  
County of Yellowstone  
This instrument was filed in my office on
this  
JULY 29, 1912  
at 7:47 o'clock M. 
MERRILL H. KLUNDT  
County Clerk & Recorder  
By  
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 filled
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: Leon F. Frey
Address: 203 Foster Lane
Billings, Montana

Date well started: 1956
Date well completed: 1956

Type of well: Driven
Equipment used: Other

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

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

ESTIMATED ANNUAL WITHDRAWAL:

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>2&quot;</td>
<td>22</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level ______ ft.*
Pumping water level ______ ft.*

at ______ gallons per minute measured ______ minutes after pumping began.

*Measured from ground level.

Well developed by ______ for ______ hours.

Power: ______ Pump: ______ HP

Remarks: ______

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
Each small square represents 40 acres.

Driller's Signature
Driller's Address

LICENSE NO.
Show exact depth of bottom

5-3-75
STATE OF MONTANA, \{\textit{State of Montana}\}
County of Yellowstone, \{\textit{County of Yellowstone}\}

This instrument was filed in my office
this \textbf{JUN 28 1979}, \textbf{19}
at \textbf{12:07} o'clock

MERRILL A. KLUNDT
County Clerk & Recorder

By \underline{\textit{Deputy}}
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Peter N. Hemen
Address: 123

Driller: William L. Lane
Address: 456

Date of Notice of Appropriation of Groundwater: Sept. 14, 1963
Date well started: Sept. 20, 1963
Date Completed: Sept. 28, 1963

Type of Well: Drilling
Equipment Used: Dug Well

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 water rises in the well.

Static Water Level for Flowing Well: 13 feet

Shut-in Pressure for Flowing Well:

Pumping Water Level: 6 feet at: 20 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Flow Test Length of Test: 2 months

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

Driller's License Number: 123
Driller's Signature: William L. Lane

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.

18521
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Smith
Address: 123 Main St, Helena, MT

Driller: William S. Lore
Address: 456 Elm St, Helena, MT

Date of Notice of Appropriation of Groundwater: April 5
Date Well Started: April 6
Date Completed: April 13

Type of Well: Driven
Equipment Used: (Churn, drill, rotary or drilled)

Water Use: Domestic [✓] Municipal [ ] Other [ ] Irrigation [ ]
Industrial [ ] Draining [ ] Stock [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 in.</td>
<td>2.5 in. x 2.5 in. Round</td>
<td>0</td>
<td>20</td>
<td>6 ft</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 7 ft
Shut-in Pressure for flowing Well: 20 kg/cm²
Pumping Water Level: 7 ft at 20 gal. per minute
Discharge in gal. per min. of flowing well: 20 gal
How Tested: Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.

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

Driller’s License Number: William S. Lore
Driller’s Signature: William S. Lore

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

January 1, 1962, as follows:

1. Carl Harding of Rt. 1, Belgrade
   (Name of Appropriator)
   (Address)
   County of Yellowstone
   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:
      - Irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      - 1962

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 260 gal.

   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:
      - 12 acres

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

   7. The date of commencement and completion of the construction of the well, wells,
      or other works for withdrawal of groundwater:
      - March 1, 1962

   8. The depth of water table:
      - 8 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:
      - Drilled, cement casing, Depth 61 ft

10. The estimated amount of groundwater withdrawn each year:
    - 260 gal

11. The log of formations encountered in the drilling of each well if available:
    - 47 ft, silt, ft, point

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:
Carl Harding
Date: Oct. 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 & Recorder; Duplicate to the State Engineer; Triplicate
to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
## WATER WELL LOG

**Owner:** Robert Nesbitt  
**Address:** 1301 E. 10th St.  
**Driller:** Clyde H. Davis  
**Address:** Butte  
**Date Started:** May 22, 1950  
**Date Completed:** May 24, 1950  
**Location:** Sec. 5, T. 23 N., R. 25 E.

**Type of well:**  
- [ ] Domestic  
- [ ] Municipal  
- [ ] Stock  
- [ ] Irrigation  
- [ ] Industrial  
- [ ] Drainage  
- [ ] Other:  

**Water use:**  
- Domestic  
- Municipal  
- Stock  
- Irrigation  
- Industrial  
- Drainage  
- Other:  

**Casing:**  
- [ ] 0 ft. to 14 ft.  
- [ ] 14 ft. to 28 ft.  
- [ ] 28 ft. to 42 ft.  
- [ ] 42 ft. to:  

**Perforated or Screened:**  
- [ ] Open  
- [ ] Battared  

**Type of screen or perforations:**  
- [ ] Open  
- [ ] Battared  

**Static Water level, for non-flowing well:**  
- [ ] 6 ft. from top  
- [ ] 6 ft. from bottom  

**Shut-in pressure, for flowing:**  
- [ ] 15 sq. in. on:  
- [ ] (date)  

**Pumping water level:**  
- [ ] 14 ft. at:  
- [ ] 12 gal. per min.  

**How tested:**  
- [ ]  

**Length of test:**  
- [ ]  

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
- [ ]  
- [ ] (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1</td>
<td>Sail</td>
</tr>
<tr>
<td>1 - 13</td>
<td>Very hard gravel</td>
</tr>
</tbody>
</table>
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL  
Revised 1969 County of...  

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: Phillips, Montana  
Date well started 11-15-62  
Date well completed 11-15-62  
Type of well: Drilled  
Equipment used: Pumps (chum drill, rotary or other)  
Water Use: Domestic  
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:  

---  

Pumping water level * measured at * minutes after pumping began.  

---  

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

---  

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

---  

Driller's Signature  
Driller's Address  
LICENSE NO.  

---  

Show exact depth of bottom.
STATE OF MONTANA, P
County of Yellowstone.
This instrument admitted in my office
this day of , 19
at O'clock p.m.
MARK H. RHYNDT
County Clerk of Yellowstone.
By
Deputy
**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 the well.

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

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

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

<table>
<thead>
<tr>
<th>Owner</th>
<th>John Hertz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Billings, Montana</td>
</tr>
<tr>
<td>Date well started</td>
<td>11-15-63</td>
</tr>
<tr>
<td>Date well completed</td>
<td>11-25-63</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Rotary</td>
</tr>
<tr>
<td>Water Use</td>
<td>Domestic ☑, Municipal ☐, Stock ☐, Irrigation ☐, Industrial ☐, Drainage ☐, Other ☑, Garden/Lawn ☒</td>
</tr>
<tr>
<td>Describe USE:</td>
<td>If used for irrigation, industrial, drainage or other, explain, number of acres and location or other data (i.e. Lot, Block and Addition)</td>
</tr>
</tbody>
</table>

**ESTIMATED ANNUAL WITHDRAWAL**

100.000 .6.1

<table>
<thead>
<tr>
<th>Rate of Return %</th>
<th>Rise and Vertical Change</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17%</td>
<td>0</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 13 ft.
Pumping water level: 15 ft.

at 15 gallons per minute, measured 2 minutes after pumping began.

*Measured from ground level.

Well developed by: 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 |

LICENSE NO. 55395
STATE OF MONTANA, ss.
County of Yellowstone.
This instrument was filed in my office
this 29 day of June, 1973
at 3:15 o'clock p.m.
MERRILL M. BLUNDY
County Clerk & Recorder
By: LBB 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 filled
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: J. R. Hickey
Address: Rte. 1, Billings, Montana

Date well started: June 1964
Completed: June 1964

Type of well: Drilled
Equipment used: Rotary
Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

Describe: Household

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): W/A

ESTIMATED ANNUAL WITHDRAWAL: 4,800 gal. per mo.

Top of Ground (ft. above sea level)

<table>
<thead>
<tr>
<th>Field</th>
<th>Top 10</th>
<th>Top 20</th>
<th>Sand and gravel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Unable to contact driller at this time for above & below
technical information.

Static water level: __________ ft.
Pumping water level: __________ ft.
Et: __________ gph. per minute,
measured __________ minutes after pumping
began.

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

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

Driller's Signature: __________
Driller's Address: 1552 Dickey Rd., Billings, Mont.

20 ft. Show exact depth of bottom.
STATE OF MONTANA

County of Yellowstone,

This instrument was filed in my office
this JUN 26, 1973

at 1:00 O'clock P.M.

MERRILL M. REUNDT
County Clerk 

By

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 filled 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
Date well started
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).

ESTIMATED ANNUAL WITHDRAWAL

Perforations

Size of Drilled Hole
Size of Gravel
From (Feet)
To (Feet)
Kind Size
From (Feet)
To (Feet)

Static water level
Pumping water level
Power... GAS... 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
Driller's Address
LICENSE NO.
STATE OF MONTANA
County of Yellowstone
The foregoing was filed in my office
this 27th day of June, 1973, at 12:02 P.M.

[Signature]
By

[Signature]
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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, lest copy to be retained by driller.

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

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>File 938629</td>
</tr>
</tbody>
</table>

Date well started: 12/15/93
Date well completed: 12/15/93

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).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 
Pumping water level: 

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:

Driller's Address:

LICENSE NO.

Top of Ground (Ft. above sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Show exact depth of bottom

County:

RECEIVED

20
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Rate of Water</th>
<th>Perforations</th>
</tr>
</thead>
</table>

Static water level ______________ ft.

Pumping water level ______________ ft.

at ______________ gallons per minute, measured ________ minutes after pumping began.

*Measured from ground level.

Well developed by ______________ for ______________ hours.

Power: ______________ HP

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

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

Driller's Signature
Driller's Address

LICENSE NO.

Show exact depth of bottom

555999
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: Leland O. Hale
Address: 425 Bedroom Dr
Date well started: 5-22-73
Completed: 5-29-73

Type of well: (Deep, driven, bored or drilled)
Equipment used: (Chain drill, rotary or other)
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]
Describe: (Gravel packing, cementing, packers, type of shutoff)

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

Estimated Annual Withdrawal

Static water level: [ ] ft.
Pumping water level: [ ] ft.

Power: 2 HP Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller’s Signature: ____________________________
Driller’s Address: ____________________________
LICENSE NO: 236

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.

<table>
<thead>
<tr>
<th>Owner</th>
<th>Dated D Kole</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>825 Bates Dr</td>
</tr>
<tr>
<td>Buildings</td>
<td>MT</td>
</tr>
<tr>
<td>Date well started</td>
<td>July 19</td>
</tr>
<tr>
<td>Date well completed</td>
<td>July 23</td>
</tr>
</tbody>
</table>

**Type of well**

- Domestic □
- Municipal □
- Stock □
- Irrigation □
- Industrial □
- Drainage □
- Other □
- Garden/Lawn □

**Equipment used**

- Drilling rig
- Driller
- Dredge
- Dredger
- Other

**Water Use**

- Domestic □
- Municipal □
- Stock □
- Irrigation □
- Industrial □
- Drainage □
- Other □
- Garden/Lawn □

**Describe**

- Used for irrigation, industrial, drainage or other. Explain state number of acres and location or other data (see below Black and Addition).

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Month</th>
<th>For</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>60</td>
<td>0</td>
</tr>
<tr>
<td>Feb</td>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Foot</th>
<th>Inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>20</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Static water level
Pumping water level
Pumping water level

- Measured from ground level. Well developed by Pump for Hours.
- Power: HP
- Remarks: Gravel packing, cementing, packers, type of shutoff

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

**Driller's Signature**

**Driller's Address**

**LICENSE NO. 230**

**Show exact depth of bottom**
STATE OF MONTANA,

County of Yellowstone,

This instrument was filed in my office this... of Yellow for JUN 20 1974

MERRILL M. KLUND
County Clerk & Recorder

My:

Deputy
DECLARATION of VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1964)

Name of Appropriator: George Kuntzmann  
Address:  
Town: Glendive  
County of Appropriation: Dawson  
State of Appropriation: Montana  
Date of Appropriation: January 1, 1962

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

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

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

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

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

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

7. The depth of water table:

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

9. The estimated amount of groundwater withdrawn each year:

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

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

12. Signature of Owner:

Dates:

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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.

File No. ORIGINAL  
County RECEIVED  
JAN 2 1964
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1953)

George Kuchlebarn, of Billings, Montana

1. Name of Appropriator

2. Address

3. Town

State of Montana

County of Yellowstone

I, the undersigned, do hereby declare that I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

4. Date or approximate date of earliest beneficial use; and how contiguous the use has been.

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

File No.

RECEIVED
JAN 2 1964

STATE ENGINEER

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

State Engineer

5.7.0.3.12

170312

10 acres.

Each small square represents

10 acres.

Indicate point of appropriation

and place of use, if possible.

10 acres.

The log of formation encouned in the drilling of each well if available.

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

Three copies shall 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 & Recorder; Duplicate to the State Engineer; Triplicate

to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
STATE OF MONTANA, T
County of Yellowstone, T
This instrument was filed in my office
this DEC 4th 1953 to
at 3:01 o'clock M
Edmon S. Radding,
County Clerk & Recorder
By: Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1963)

ORANGE COUNTY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1963)

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

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

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

   House garden & livestock

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

   1957 - Continuous use

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

   100 GPM

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

   10 acres

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

   Pressure pump

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

   1957

   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 each other works for the withdrawal of groundwater:

   10. The estimated amount of groundwater withdrawn each year:

   100 GPM

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

   Sand and 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 records:

   Signature of Owner
   George Kaufmann
   Date: 12-31-1963

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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of mines and geology; and Quadruplicate for the appropriator.
STATE OF MONTANA, County of Yellowstone.

This instrument was filed in my office this 3 day of June, 1963,
at 5 o'clock P.M.

Edmon S. Reising,
County Clerk & Recorder

By: Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1957)

1. Mary Kendall of Billings, Mont.
   County of Yellowstone, State of Montana

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

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

   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: Mary Kendall
   Date: Dec. 23, 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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Mary Kemel, of R.P. 7, April 60, Billing,
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: ______________________

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

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

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

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

8. The depth of water table: ______________________

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

10. The estimated amount of groundwater withdrawn each year: ______________________

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

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

Signature of Owner: ______________________

Date: ______________________

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

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

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

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

1. Mary Kemble of RT #3 Box 31 Billings
   
   County of Yellowstone 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
   Dairy and feeding cattle and sheep

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946, since Continuous
   
   
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6.803 gpm as of 10-7-66

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
   100 acres around the homestead

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   2 1/2 inch screened wells

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946 May 17
   98 ft

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
   10.3 in. 98.1 ft

10. The estimated amount of groundwater withdrawn each year 24,800

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 Mary Kemble
Date December 23, 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 School of Mines and quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** E. W. Royd  
**Address:** 3200 Horntype  
**Date of Notice of Appropriation of Groundwater:** 1-6-71

**Date well started:** 7-6-71  
**Date Completed:** 7-6-71

**Type of well:** Drilled  
**Equipment Used:** Drilled (Churn, drill, rotary or other)

**Water Use:** Domestic  
**Other:** Irrigation

---

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>17.6</td>
<td>19</td>
<td>42</td>
<td>450</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 10 feet

**Shut-in Pressure for Flowing Well:** 1 HP

**Pumping Water Level:** 19 feet at 40 gal. per minute.

**Discharge in gal. per min. of flowing well:** 1 HP

**How Tested:** Pumped  
**Length of Test:**

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

---

**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.
STATE OF MONTANA
ADMINISTRATION OF GROUNDWATER COL.
OFFICE OF STATE ENGINEER

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

Owner: ED KENNEDY
Address: 3208 Heritage

Driller: O. S. KENDALL
Address: B. H. 715

Date of Notice of Appropriation of Groundwater

Date well started: 7-6-71
Date Completed: 7-9-71

Type of well: Dug Equipment Used: Rock M.
(dug, driven, bored or churned, drill, rotary or other)

Water Use: Domestic D Municipal D Other D Irrigation D
Industrial D Drainage D Stock D

Score No.: Doc. No.: 89361
Filed for record this 22 day of October,
A. D. 1971, at 11 o'clock A. M.

Top of Ground
(Elv. above sea level...

25 ft.

Doc. No. 89361
Filed for record this 22 day of October,
A. D. 1971, at 11 o'clock A. M.

<table>
<thead>
<tr>
<th>Plan of Drilled Well</th>
<th>Size and Weight of Closing</th>
<th>Pump</th>
<th>To</th>
<th>Preparations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>17-1/8&quot;</td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well... 10 feet.
Shut-in Pressure for flowing well... N M.
Pumping Water Level... 9 feet at... 40 gal. per minute.
Discharge in gal. per min. of flowing well... N M.
How Tested... Length of Test... 12 ft.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

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.

4/1325
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: ED KEOH Address: 3260 North Ave.
Driller: D. G. T. Address: 840 South Ave.

Date of Notice of Appropriation of Groundwater
Date well started: 7-6-71 Date Completed: 7-6-71

Type of well: Drilled Equipment Used: Pump
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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

Static Water Level for non-flowing Well... 10 feet.
Shut-in Pressure for Flowing Well... N/A
Pumping Water Level... 18 feet at 40 gal. per minute.
Discharge in gal. per min. of flowing well... N/A
How Tested: Pump Length of Test... 10 hrs.
Remarks: Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.

Driller's License Number: 19-7
Driller's Signature: J...

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.
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: Edward Knight
Address: 

Date well started: 1942
Completed: 1942

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).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Water</th>
<th>Weight of Coding</th>
<th>Prom (Foot)</th>
<th>To (Foot)</th>
<th>Kind of Well</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>19X20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 
Pumping water level: 
Gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by: 
Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shutdown)

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

Driller's Signature: 
Driller's Address: 

LICENSE NO.: 

Show exact depth of bottom: 

County: 

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.
STATE OF MONTANA, \nCounty of Yellowstone, \n
This instrument was filed in my office \nthis 29th day of January, 1976, \nat 11:20 a.m. \n
MERRILL H. KLUNDT \nCounty Clerk & Recorder \n
By: [Signature] Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

1. \(\text{Name of Appropriator}\)
\(\text{Address}\)
\(\text{County of \(\text{Yellowstone}\)}\)
\(\text{State of \(\text{Montana}\)}\)

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: ________________________________
Date: __________________________

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

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

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

**Feasible Duplicate**

**STATE ENGINEER**

**Form No. 19**

**8-60**

**STATE ENGINEER**

** form: 3136 - US and Metric**

**Date, Montana**

<table>
<thead>
<tr>
<th>Water Well No.</th>
<th>Name, Address</th>
<th>Driller, Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ethyl Love</td>
<td>A.K. Oil Drilling Co.</td>
<td>May 18 59</td>
<td>July 24 59</td>
</tr>
</tbody>
</table>

**Location:** Sec. 16 T. L. R. W. | Sec. 24 T. S. W. 2

**Type of well:** Cable Drilled

**Type of screen or perforations:**

**Static water level:** For non-drilled well: 6 ft

**Development pressure for flowing well:** 10. 28. 45. 110

**Pumping water level:** 6 ft

**Rate tested:**

**Length of test:** Two Days

**Remarks:** (Traval, packers, cementing, packers, type of shut-off, depth of shut-off)

**Casing drove in Glacial Drift no perforations**

**Clear Cool Water**
Log

1 to 6 ft Sandy

2 ft to 12 ft Gravel

13 to 14 ft Migratory Waterzed

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

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

1. Richard A. May, of 5452 Jones St., Billings, MT
   (name of appropriator)
   (Address)

   County of Yellowstone, State of Montana
   (County and State where the claim is located)

   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 & Yard Irrigation)

   3. Date or approximate date of earliest beneficial
      use; and how continuous the use has been.
      1958. Continuously

   4. The amount of groundwater claimed (in miner's
      inches or gallons per minute - la pluvior)
      (0)

   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 applicable)

   6. The means of withdrawing such water from the
      ground and the location of each well or other
      means of withdrawal.
      (Not applicable)

   7. The date of commencement and completion of the construction of the well, wells,
      or other works for withdrawal of groundwater.
      (1958)

   8. The depth of water table.
      (80 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.
      (30' casing; 350' deep)

   10. The estimated amount of groundwater withdrawn each year.
       (0)

   11. The log of formation encountered in the drilling of each well.
       (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.
       (Not applicable)

   Signature of Owner - Richard A. May
   Date - 12 \ 2 \ 64

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 & Recorder; Duplicate to the State Engineer; Triplicate
to the Montana Bureau of mines and Geology, and Quadruplicate for the appropriator.
STATE OF MONTANA
County of Yellowstone.

This instrument was filed in my office this (8th) day of Dec., 1903, at 11 o'clock A.M.

[Signature]
County Clerk & Recorder

[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 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:  Louis Mercer

Address:  927 Bethel

Billing:  Month

Date well started:  6-25-72

Date well completed:  6-25-72

Type of well:  Driven

Equipment used:  Walking beam

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).

Wells owned by:  Joe Smith Lot 3 Block 1

ESTIMATED ANNUAL WITHDRAWAL:  10,000

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Size and Number of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>60 27</td>
</tr>
</tbody>
</table>

Static water level:  11 ft. *

Pumping water level:  20 ft. *

Tested at gallons per minute, measured 15 minutes after pumping began.

*Measured from ground level.

Well developed by centrifugal for 3 hours.

Power:  9 HP

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

Indicate location of well and place of use, if possible.

Driller's Signature:  Louis Mercer

Driller's Address:  38 South View

Selling MT.

LICENSE NO. 15-50

County:  Yellowstone

Show exact depth of bottom

53,915
STATE OF MONTANA,  

County of

This cause came on for trial in my office

JUN 22 1973

at 3:20 A.M.

BEFORE ME, I, J. B. L. HUNT,

Circuit Court Judge

By

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 287, Montana Session Laws, 1961)

Owner: Metzger
Address: #1 Billings, Montana

Driller: Metzger
Address: 2022 Wall Ave., Billings, Montana

Date of Notice of Appropriation of Groundwater: May 31, 1966

Date well started: May 31, 1966; Date Completed: May 31, 1966

Type of well: Driven
Equipment Used: Drill, hammer
(dug, driven, bored or drilled)

Water Use: Domestic
Industrial
Municipal:
Stock
Drainage
Other
Irrigation

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

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<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Pumping Water Level</th>
<th>Static Water Level (feet)</th>
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</thead>
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<tr>
<td>Two inch (inch) pipe</td>
<td>78 ft</td>
<td>6' 8&quot;</td>
<td>1.0 ft</td>
</tr>
</tbody>
</table>

Shut-in Pressure for Flowing Well: None

Pumping Water Level: 10' in., feet at 830 gal. per minute

Discharge at gal. per min. of flowing well: None

How Tested: Time & volume, Length of Test: two hrs.

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

Driller's License Number: 722

Driller's Signature: [Signature]

Billings, Montana

Date of Notice of Appropriation of Groundwater: May 31, 1966

Date well started: May 31, 1966; Date Completed: May 31, 1966

Type of well: Driven
Equipment Used: Drill, hammer
(dug, driven, bored or drilled)

Water Use: Domestic
Industrial
Municipal:
Stock
Drainage
Other
Irrigation

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

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Shut-in Pressure for Flowing Well: None

Pumping Water Level: 10' in., feet at 830 gal. per minute

Discharge at gal. per min. of flowing well: None

How Tested: Time & volume, Length of Test: two hrs.

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

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Driller's License Number: 722

Driller's Signature: [Signature]

Billings, Montana

Date of Notice of Appropriation of Groundwater: May 31, 1966

Date well started: May 31, 1966; Date Completed: May 31, 1966

Type of well: Driven
Equipment Used: Drill, hammer
(dug, driven, bored or drilled)

Water Use: Domestic
Industrial
Municipal:
Stock
Drainage
Other
Irrigation

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

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</tbody>
</table>

Shut-in Pressure for Flowing Well: None

Pumping Water Level: 10' in., feet at 830 gal. per minute

Discharge at gal. per min. of flowing well: None

How Tested: Time & volume, Length of Test: two hrs.

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

Driller's License Number: 722

Driller's Signature: [Signature]

Billings, Montana

Date of Notice of Appropriation of Groundwater: May 31, 1966

Date well started: May 31, 1966; Date Completed: May 31, 1966

Type of well: Driven
Equipment Used: Drill, hammer
(dug, driven, bored or drilled)

Water Use: Domestic
Industrial
Municipal:
Stock
Drainage
Other
Irrigation

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

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</tr>
</tbody>
</table>

Shut-in Pressure for Flowing Well: None

Pumping Water Level: 10' in., feet at 830 gal. per minute

Discharge at gal. per min. of flowing well: None

How Tested: Time & volume, Length of Test: two hrs.

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

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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.

Driller's License Number: 722

Driller's Signature: [Signature]

Billings, Montana

Date of Notice of Appropriation of Groundwater: May 31, 1966

Date well started: May 31, 1966; Date Completed: May 31, 1966

Type of well: Driven
Equipment Used: Drill, hammer
(dug, driven, bored or drilled)

Water Use: Domestic
Industrial
Municipal:
Stock
Drainage
Other
Irrigation

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

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<td>6' 8&quot;</td>
<td>1.0 ft</td>
</tr>
</tbody>
</table>

Shut-in Pressure for Flowing Well: None

Pumping Water Level: 10' in., feet at 830 gal. per minute

Discharge at gal. per min. of flowing well: None

How Tested: Time & volume, Length of Test: two hrs.

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

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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.

Driller's License Number: 722

Driller's Signature: [Signature]

Billings, Montana

Date of Notice of Appropriation of Groundwater: May 31, 1966

Date well started: May 31, 1966; Date Completed: May 31, 1966

Type of well: Driven
Equipment Used: Drill, hammer
(dug, driven, bored or drilled)

Water Use: Domestic
Industrial
Municipal:
Stock
Drainage
Other
Irrigation

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

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Shut-in Pressure for Flowing Well: None

Pumping Water Level: 10' in., feet at 830 gal. per minute

Discharge at gal. per min. of flowing well: None

How Tested: Time & volume, Length of Test: two hrs.

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

Driller's License Number: 722

Driller's Signature: [Signature]
STATE OF MONTANA
County of Yellowstone.

This instrument was filed in my office
this 11th day of June 1915
at 8:50 o'clock M.

Edison S. Baldwin
County Clerk & Recorder

By

Deputy

2-07
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

January 1, 1962, as follows:

1. The beneficial use on which the claim is based
2. The beneficial use on which the claim is based
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

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 & 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:** [Name]
   **Address:** [Address]
   **County:** [County]
   **State of:** [State]

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

   2. The beneficial use on which the claim is based:
      - [List the use]

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

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

   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:
      - [Acreage]

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

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

   8. The depth of water table:
      - [Depth]

   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:
      - [Specifications]

   10. The estimated amount of groundwater withdrawn each year:
       - [Amount]

   11. The log of formations encountered in the drilling of each well if available:
       - [Log]

   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:
       - [Information]

   [Signature of Owner]

   [Date]

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

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

Original to the County Clerk & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
STATE OF MONTANA
County of

This instrument received in court of this County on the 1st day of DEC 1 1963
at 10:29 A.M.

F'JAME S. MEAD
County Clerk & Recorder
By [Signature] Deputy
STATE OF MONTANA

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

State of Montana

I, the undersigned, do hereby declare that I have appropriated groundwater according to the Montana Flood Control Act prior to January 1, 1962, as follows:

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

3. The 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. To the extent 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 is available:

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


Signature of Owner:

Date:

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

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

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

Owner: Steve Murphy
Address: 128 Santa Fe Dr.
Driller: Eugene T. Taggart
Address: 222 Montana Ave.
Date of Notice of Appropriation of Groundwater: 7-12-72
Date well started: 7-12-72 Date completed: 7-12-72
Type of well: Driven
Equipment Used: Mechanical
Water Use: Domestic □ Municipal □ Other □ Irrigation □
Industrial □ Drainage □ Stock □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole (feet)</th>
<th>Size and Weight of Casings (feet)</th>
<th>From</th>
<th>To</th>
<th>Static Water Level for non-flowing Well (feet)</th>
<th>Shut-in Pressure for Flowing Well (feet)</th>
<th>Pumping Water Level (feet)</th>
<th>Discharge in gal. per min. of flowing well</th>
<th>How Tested</th>
<th>Length of Test (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>24</td>
<td>0</td>
<td>16</td>
<td>Static water level for non-flowing well: 9 feet</td>
<td>Shut-in pressure for flowing well: 30 feet</td>
<td>Pumping water level: 10 feet at 55 gal. per minute</td>
<td>Discharge in gal. per min. of flowing well: 85 gal/min</td>
<td>How Tested: Pumping</td>
<td>Length of Test: 13 days</td>
</tr>
</tbody>
</table>

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

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

Show exact depth of bottom.

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

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, } ss.
County of Yellowstone } 

This instrument was filed in my office
this day of

M.

at JUN 29 1973

MERRILL M. KUNDY
County Clerk & Recorder

By

Deputy
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

<table>
<thead>
<tr>
<th>Owner Name</th>
<th>Address</th>
<th>File No.</th>
<th>Date well started</th>
<th>Date well completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of well: (Dug, driven, bored or drilled)

Equipment used: (Chim drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size</th>
<th>Rating</th>
<th>Rate</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: ___ ft.
Pumping water level: ___ ft.

8 gallons per minute, measured 20 minutes after pumping began.

*Measured from ground level.

Well developed by ____________ for _____ hours.

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

LICENSE NO.

Show exact depth of bottom
STATE OF MONTANA.
County of Yellowstone.
This instrument was filed in my office this 1913.
3 o'clock.
MERRILL K. KLUNDE
Clerk & Recorder
By Deputy
DECLARATION of VESTED GROUNDWATER RIGHTS

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Name & Address of Appropriator

County of _ _ State of _ _ have appropriated groundwater according to the Montana Groundwater Act in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1958; continuous since a construction

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   60 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
   one-half acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   August, 1958

8. The depth of water table
   3 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
   shallow six-inch pipe, eighteen feet

10. The estimated amount of groundwater withdrawn each year
    one and one-half million gallons

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 known

Signature of Owner

Date

December 31, 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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
STATE OF MONTANA, T
County of Yellowstone,

This instrument was filed in my office this______ day of DEC 31, 1965
at 5:03 o'clock P.M.

Timothy T. Readling,
County Clerk & Recorder

My.___ 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 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: William Bay
Address: 2443 Sunrise
Billings, MT

Date well started: Nov. 7, 1969
Completed: Nov. 17, 1969

Type of well: Drilled
Equipment used: Churn

Water Use: Domestic, Municipal, Stock, Irrigation

*Describe

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

---

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Depth (ft)</th>
<th>Rkh Size</th>
<th>Perforations</th>
<th>From (ft)</th>
<th>To (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>68 1/4</td>
<td>0</td>
<td>2'</td>
<td>97</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 66 ft*
Pumping water level: 82 ft*
at 20 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by sailing for 1 hour.

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: D. R. Poole
Driller's Address: 247 Pueblo, Billings

License No. 1420

---

RECEIVED
County: Yellowstone

---

Bottom depth: 97'

---

53,057
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Lloyd Pulliam  Address: 2740 Kinnaree
Driller: Leroy Johnson  Address: 941 Cook Ave.

Date Started: Aug. 19-57  Date Completed: Aug. 21-57

Location: Sec. 1 T. 1 R. 1/2 sec.

Type of Well: Drilled  Equipment used: Cable tools

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

Industrial [ ]  Municipal [ ]  Stock [ ]  Irrigation [ ]

Casing: conn. to: 27 ft  Type: Black  Size: 6"

Casing: [ ] ft. to: [ ] ft  Type: [ ]  Size: [ ]

Casing: [ ] ft. to: [ ] ft  Type: [ ]  Size: [ ]

Perforated or Screened: Ft. to Ft.  Ft. to Ft.

Type of screen or perforations:

Static Water level, for non-flowing well: [ ] feet

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

Pumping water level: 55 feet at 4 gal. gal. per min

How tested: Bailier

Length of test: 2 hrs.

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

(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, 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.

Charles G. Rogers, Jr.
Owner

Address
Date well started
Top of Ground

Type of well
Equipment used
Water Use

DOMESTIC [ ] MUNICIPAL [ ] STOCK [ ] IRRIGATION [ ]
INDUSTRIAL [ ] DRAINAGE [ ] OTHER [ ] GARDEN/LENN [ ]

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>Depth of Well</th>
<th>Size and Depth of Casings</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level ...
Pumping water level ...
at ...
gallons per minute, measured ...
minutes after pumping began.
*Measured from ground level.
Well developed by...
for ...
hours.
Power: ...
HP
Remarks: ...

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

Driller’s Signature

Driller’s Address

LICENSE NO.

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.

Charles G. Rogers
Owner

Date well started: June 28, 1973

Type of well: Dug, driven, bored or drilled

Equipment used: (Chum drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL: 20,000 GALLONS

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

Driller's Signature
Driller's Address

LICENSE NO.
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.

Owner: Charles G. Rogers + Irene

Address: 893, Mont

Date well started: 1967

Date well completed: 1967

Type of well: (Dug, driven, bored or drilled)

Equipment used: (Churn drill, rotary or other)

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □ Garden/Lawn □

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

ESTIMATED ANNUAL WITHDRAWAL

Static water level: 190 ft

Pumping water level: 230 ft

at 400 gallons per minute measured minutes after pumping began.

Well developed by for hours.

Power: Pump, HP

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

Counties of Yellowstone.

The foregoing is true to the best of my knowledge.

This 28th day of June, 1973

at 2:41 O'clock P.M.

Merrill W. Flowers

Ch. of Recorder

By:

Deputy
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harold Smith</td>
<td>Belling</td>
<td>Clyde Hancock</td>
<td>Miles</td>
</tr>
</tbody>
</table>

Date Started: July 1, 1959  Date Completed: July 13, 1959

Location: Sec. T  R  1/4 sec.

Type of well: Drilled

Equipment used: (Churn drill, rotary, other)

Water use: Stock

Indust.  Municipal  Stock  Irrigation  Other:

Casing:  Top  ft. to  4  1/2  ft.

Type:  Brokenface  Size:  12  inch

Casing:  ft. to  ft.

Type:  Size:  Size:

Casing:  ft. to  ft.

Type:  Size:  Size:

Perforated or Screened:  Ft.  to  ft.

Type of screen or perforations:

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

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

Pumping water level:  feet as  gal. per min.

How tested:

Length of test:

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

To  ft.  13  in. oak, hal in solid rock

To  ft.  18  in. oak, clay 28  ft.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 50</td>
</tr>
</tbody>
</table>
# MONTANA BUREAU OF MINES AND GEOLOGY

**Butte, Montana**

## WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
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<tbody>
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<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
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</thead>
<tbody>
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</table>

<table>
<thead>
<tr>
<th>Location: Sec.</th>
<th>T</th>
<th>R</th>
<th>1/4 sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Drill, driven, bored, or others) (Chem. drill, rotary, other)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft. Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft. Type</th>
<th>Size</th>
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<tbody>
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</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft. Type</th>
<th>Size</th>
</tr>
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<tbody>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft to Ft</th>
<th>Ft to Ft</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>psi</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level, feet s.l.m.:</th>
<th>gal. per min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

---

(over)
### MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-27-1946</td>
<td>8-2-1946</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location: Sec.</th>
<th>T</th>
<th>R</th>
<th>§ 46</th>
</tr>
</thead>
</table>

**Type of well**

- (Dig, driven, bored, or drilled)

**Equipment used**

- (Churn drill, rotary, other)

**Water use**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other:

**Casing**

- ft. to ft. Type
- ft. to ft. Type
- ft. to ft. Type

**Perforated or Screened**

- ft. to ft. Type
- ft. to ft. Type

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

- feet

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

- lb./sq. in. on: (date)

**Pumping water level:**

- 7 feet at 70 gal. per min

**How tested:**

- Description

**Length of test:**

- 1 hour

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

- Description

- Description (over)
DRILLER'S LOG

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: James E. Sarchy, Jr.
Address: 4742 Bullen AVE
Billings, Montana

Date well started: Unknown
Well completed: Unknown

Type of well: Drilled
Equipment used: Unknown

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). 9 Acres

ESTIMATED ANNUAL WITHDRAWAL: 6 Million Gals

<table>
<thead>
<tr>
<th>Size of Rod Hole</th>
<th>Size and Weight of Cable</th>
<th>From</th>
<th>To</th>
<th>Kind of cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Perforations:

Static water level: Unknown
Pumping water level: Unknown
at _________________ gallons per minute
measured ____________ minutes after pumping began.
*Measured from ground level.
Well developed by ________ for ____________ hours.
Power: __________ 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. 30

Show exact depth of bottom
STATE OF MONTANA.

County of Yellowstone.

This instrument was filed in my office
this 19TH day of 1979.

at 12:24 o'clock AM.

MERRILL M. KLUNDEN

County Clerk & Recorder

By

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

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

Owner: James L. Miller

Address: 4112 Beaver Ave

Billings, Montana

Date well started: Unknown

Date well completed: CW 1 12/24/62

Type of well: Drilled

Equipment used: Unknown

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

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL: J Miller's Oil

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: ____________________________

Driller's Address: _____________________________

LICENSE NO: ____________________________

Show exact depth of bottom
STATE OF MONTANA
County of Yellowstone
This instrument was filed in my office
ON LE. 19, 1918
at 12:23 PM

M. A. GIVENS, CLERK
By: __________ Deputy
### WATER WELL LOG

**Owner:** Bill Finch  
**Address:** Highgate Route

**Driller:** Clyde Anderson  
**Address:** 1411 Montana, Butte

**Date Started:** April 27, 1959  
**Date Completed:** April 27, 1959

**Location:** Sec. 10  
**T.** 5  
**R.** 26  
**Sec.** N.W.

**Type of Well:** Drilled  
**Type of equipment used:** Exile

**Water Use:**  
- Stock [X]  
- Irrigation [X]

**Type of Casing:**  
- C to D ft.  
Type of screen or perforations: [X] Linch

**Static Water Level:** 70 feet

**Shut-in Pressure:** 8 lb./sq. in. on:  
(date)

**Pumping Water Level:** 15 feet at 5 gal. per min.

**How tested:**

**Length of test:**

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
<td></td>
<td>well</td>
</tr>
<tr>
<td>2</td>
<td>110</td>
<td></td>
<td>gray shale &amp; soft sandstone</td>
</tr>
</tbody>
</table>
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, 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
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).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Perforations</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level
Pumping water level
at gallons per minute measured minutes after pumping began.
*Measured from ground level.
Well developed by for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

N. U. D.
½ ¼ Sec.
T. N P. E.
S W

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

Driller's Signature
Driller's Address

LICENSE NO. Show exact depth of bottom
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:**

**Date well started:** 1968

**Type of well:** Drilled

**Equipment used:**

**Water Use:** Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

**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:** (in thousands of gallons)

**Top of Ground (Elm. above sea level):**

<table>
<thead>
<tr>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 20 ft.

**Pumping water level:** 10 ft.

*Measured from ground level.*

**Well developed by:**

**Power:** Pump 4 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.:**

---

**Top of Ground (Elm. above sea level):**

<table>
<thead>
<tr>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**County:**

**Driller's Log:**

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

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**File:** 897897

**June 26, 1968**

---

**Date completed:** 1968

---

**GW 1 138 p.m.**

---

**State of Montana**

**Administrator of Groundwater Code**

**Montana Water Resources Board**
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER
WATER WELL LOG

Owner: R.R. Address: R.R.
Driller: Clyde Sanders Address: 1111 Miller Ave, Butte, Mont.
Date Started: Dec. 19, 1958 Date Completed: Jan. 19, 1959
Location: Sec. 23 T. 20 N. sec. 5E, 4th P. W.

Type of well: Drilled Equipment used: Other:
(Dug, driven, bored, or drilled) (Churn drill, rotary, etc.)

Water use: Domestic ☑ Municipal ☐ Stock ☑ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 24 ft. Type: size:
Casing: ft. to ft. Type: size:
Casing: ft. to ft. Type: size:

Perforated or Screened: From ft. to ft. Type Screen or perforations:

Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: lb/sq. in. on: (date)
Pumping water level: feet at gal. per min.

How tested: Length of test: 6 hours

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 12</td>
<td>sand</td>
</tr>
<tr>
<td>12 - 25</td>
<td>gravel</td>
</tr>
<tr>
<td>25</td>
<td>deep, fine gravel</td>
</tr>
</tbody>
</table>
**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: Guy W. 1755

Address: 1554 Locust

**Road:** 13

**Date well started:** 11-1-73

**Date well completed:** 5-10-73

**Type of well:** Drilled

**Equipment used:** Not Applicable

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

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

*Describe* ——

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Rate (gals.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-3 15'</td>
<td>10</td>
<td>60</td>
</tr>
</tbody>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Kind of Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>35</td>
<td>40</td>
<td>1/8</td>
</tr>
</tbody>
</table>

**Static water level:** 20 ft.

**Pumping water level:** 28 ft. at 250 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level.*

**Well developed by:** Pump

**Power:** Electric

**Pump:** 3 HP

**Remarks:** (Gravel packing, cementing, packers, type of shut-off) Pack 25 feet below 40 feet, to 10 feet below

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

Each small square represents 40 acres.

Driller's Signature: J. J. Ben

Driller's Address: 3143 Prairie Drive

**LICENSE NO. 197**

**Show exact depth of bottom:** 53.728
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Burt Zimmerman
Address: 1715 Ellison

Date of Notice of Appropriation of Groundwater: 5-24-73

Date well started: 5-24-73

Date Completed: 5-24-73

Type of well: Deeper

Equipment Used: Mechanical

Water Use: Domestic☐ Municipal☐ Other☐ Irrigation ☐ Industrial☐ Drainage☐ Stock☐

Note: 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>Strata Met with</th>
<th>Character</th>
<th>Thickness</th>
<th>Height Water Rises</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 12.6" feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 13.6" feet at 5.5 gal. per minute.

Discharge in gal. per min. of flowing well:

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

Remarks:

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, Tripllicate 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 21, Montana Session Laws, 1965)

1. I, Larry Low, of RT 4, Box 209, Billings, MT.
(Name of Appropriator) (Address) (Town)
County of Yellowstone, State of Montana, intend to appropriate groundwater in accordance with Chapter 21, Montana Session Laws of 1965.

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

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 20.9.1 Per min.

4. The annual period (inclusive dates) of intended use Year Round.

5. The probable or intended date of first beneficial use July 1, 1976.

6. The probable or intended date of commencement and completion of the well or wells June 1, 1976 - July 1, 1976.

7. The location, type, size and depth of well or wells contemplated Pump, 4 x 4, approx. 25 ft.

8. The probable or estimated depth of the water table or artesian aquifer Not Known.

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

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

Signature of Appropriator: Larry Low
Date: 6/30/76

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

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

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

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

Notice of Appropriation of Groundwater  
(Under Chapter 21, Montana Session Laws, 1965)  

1. LeRoy Long  
   (Name of Appropriator)  
   of RT 1, Box 209, Billings, MT.  
   (Address)  
   (Town)  
   County of Yellowstone, State of Montana, intend to appropriate groundwater in accordance with Chapter 21, Montana Session Laws of 1965.  

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

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

4. The annual period (inclusive dates) of intended use: Year Round  

5. The probable or intended date of first beneficial use: July 1, 1970  

6. The probable or intended date of commencement and completion of the well* or wells*:  
   June 1, 1970 - July 1, 1970  

7. The location, type, size and depth of well or wells contemplated:  
   Pump, 4 x 4, approx. 25 ft.  

8. The probable or estimated depth of the water table or artesian aquifer: Not Known  

9. Name, address and license number of the driller engaged:  
   Sec 15  

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

   Signature of Appropriator: Long  
   Date: APR 12 1970  

---  

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

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, [Name of Appropriator], of [Address] in [Town], County of [County], State of [State] of Montana, with my legal residence now at [Address], do hereby declare[1] my intention 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 [beneficial use] for [description of beneficial use, if applicable].

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

4. The annual period (inclusive dates) of intended use is [annual period].

5. The probable or intended date of first beneficial use is [date].

6. The probable or intended date of commencement and completion of the well* or wells* is [date].

7. The location, type, size and depth of well or wells contemplated is [location and description of well(s)].

8. The probable or estimated depth of the water table or artesian aquifer is [depth].

9. Name, address and license number of the driller employed is [name and contact information].

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.

Please answer all questions. If not applicable, no 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 Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, [Name of Appropnator],.., of...[Address]...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 livestock and possible...

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...

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 Quadrangle site for the Appropnator.
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Bureau of Land Management
Location T. 4N., R. 31E., Sec. 8

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

X Other. "After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the county clerk of the county in which the appropriation is located." (Section 89-2913 D, under Chapter 237, Montana Session Laws, 1961).

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator
   (Address)
   County of Yellowstone, State of Montana

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

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
   estimated yield 5 to 15 GPM

4. The annual period (inclusive dates) of intended use
   5/1 - 12/30

5. The probable or intended date of first beneficial use
   5/1

6. The probable or intended date of commencement and completion of the well or wells
   December 10, 1969

7. The location, type, size and depth of well or wells contemplated
   Hopkins Basin (23 miles north of Billings), water well with 6" I.D. casing, 250 ft.

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

9. Name, address and license number of the driller engaged to be known after award of contract

10. Give such other similar information as may be useful in carrying out the policy of this act
    This well will be drilled on public lands administered by the Bureau of Land Management, and will be used for livestock water (mainly) within this grazing allotment.

   Date: March 20, 1962
   Bureau of Land Management
   Signature of Appropriator: D. Dean Bible, Dist. Mgr.
   Date: May 26, 1962

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1961)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

- 3021 Sixth Avenue North
- Billings, Montana 59101
- Location T. 4N., R. 25E., Sec. 8
- Document No. 857277

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Other. "After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the county clerk of the county in which the appropriation is located." (Section 89-2913 D, under Chapter 237, Montana Session Laws, 1961).

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

United States of America, USDI
1. I, [Name of Appropriator], of [Address], [Town], County of [County], State of [State], 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 [Livestock and possible wildlife use].

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.

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA, County of Yellowstone.

This instrument was filed in my office this SEP 20, 1884 at 9:26 o'clock A.M.

Edwin S. Redding
County Clerk & Recorder

X

Deputy
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, [Name of Appropriator], of [Address], [Town], County of [County], 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 of the South Half (3½) of Section Thirty (30), Township Three (3), North, Range Twenty-Four (24) East, M.P.M., and the Southeast Quarter (3½) of Section Twenty-five (25), Township Three (3), North, Range Twenty-Four (24) East, M.P.M., and for stockwater.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed:
   2 cubic feet per second.

4. The annual period (inclusive dates) of intended use: January 1, 1971, through December 31, 1971.

5. The probable or intended date of first beneficial use: July 1, 1971.

6. The probable or intended date of commencement and completion of the well or wells: May 1, 1971, and completion July 1, 1971.

7. The location, type, age and depth of well or wells contemplated: tapping of natural spring known as Buffalo Spring by means of a tractor-driven power take-off pump along what is known as Buffalo Creek below said spring and in the property above described.

8. The probable or estimated depth of the water table or artesian aquifer: natural spring at surface.

9. Name, address and license number of the driller engaged: Not applicable.

10. Give such other similar information as may be useful in carrying out the policy of this act: Appropriator's predecessor filed on 7.5 cfs of said stream for irrigation on the date of April 26, 1911, but the stream does not flow enough for gravity and ditch irrigation and, therefore, the pump and sprinkler system is more desirable, particularly during dry years.

   [Plat drawing with coordinate and locations marked]

   Buffalo Spring
   Buffalo Creek

   Sec. 30 T.25 N. R.25 W.
   Sec. 30 T.25 N. R.25 W.

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

   Signature of Appropriator:
   [Signature]

   Date: April 1, 1971.

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Leon Tadacki of Box 62, Anaconda, 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 for irrigation of the South half (32) of Section Thirty (30), Township Three (3) North, Range Twenty-four (24) East, M.P.M., and the Southeast Quarter (9/2) of Section Twenty-five (25), Township Three (3) North, Range Twenty-four (24) East, . . ., and for stockwater.

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

   2 cubic feet per second

4. The annual period (inclusive dates) of intended use: January through December.

5. The probable or intended date of first beneficial use: July 1, 1971.

6. The probable or intended date of commencement and completion of the well or wells: COMMENCEMENT MAY 1, 1971, AND COMPLETION JULY 1, 1971.

7. The location, type, size and depth of well or wells contemplated: tapping of natural spring known as Buffalo Spring by means of a tractor-driven power take-off pump along what is known as Buffalo Creek below said spring and in the property above described.

8. The probable or estimated depth of the water table or artesian aquifer: natural spring at surface.

9. Name, address and license number of the driller engaged: Not applicable.

10. Give such other similar information as may be useful in carrying out the policy of this act: Appropriate's predecessor filed on 7.5 cfs of said spring for irrigation on the date of April 26, 1911, but the stream does not flow enough for gravity and ditch irrigation and, therefore, the pump and sprinkler system is more desirable, particularly during dry years.

   ![](https://example.com/plot.png)

   *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.
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, [Name of Appropriator], of Box 63 Acton, County of [County], State of [State], 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 of the South Half (½) of Section Thirty (30), Township Three (3) North, Range Twenty-four (24) East, N.P.M., and the Southeast Quarter (3/4) of Section Twenty-five (25), Township Three (3) North, Range Twenty-four (24) East, and for stockwater.

3. The rate of use in gallons per minute or miner’s inches of groundwater claimed: 2 cubic feet per second.

4. The annual period (inclusive dates) of intended use: January through December.

5. The probable or intended date of first beneficial use: July 1, 1971.

6. The probable or intended date of commencement and completion of the well or wells: Commencement May 1, 1971, and completion July 1, 1971.

7. The location, type, size and depth of well or wells contemplated: Tapping of natural spring known as Buffalo Spring by means of a tractor-driven power take-off pump along what is known as Buffalo Creek below said spring and in the property above described.

8. The probable or estimated depth of the water table or artesian aquifier: 8 feet.

9. Name, address and license number of the driller engaged: Not applicable.

10. Give such other similar information as may be useful in carrying out the policy of this act: Appropriator’s predecessor filed on 7.5 cfs of said stream for irrigation on the date of April 26, 1911, but the stream does not flow enough for gravity and ditch irrigation and, therefore, the pump and sprinkler system is more desirable, particularly during dry years.

Locate well or other means of development as accurately as possible on the plat:

[N] [E] [S] [W]

89523

Date: April 1, 1971.

Signature of Appropriator: [Signature]

*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 Appropriator.