STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. John A. McPate, of Route 1, Box 341, Journal
   County of Yankton, State of Montana,
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   N

   W

   S

   E

   38. 6. Sec. 30 T. 23 R. 16

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

   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: Spring of 1933

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 17 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: 110 acres, John A. McPate, Lea and Jason

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: centrifugal pump, 2 well in the above described site

   7. The date of commencement and completion of the construction of the well, wells, or other works: 1933

   8. The depth of water table: Variations from 3 to 6 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: 10 ft, depth, 6-3. 50 in diameter, cement casing

   10. The estimated amount of groundwater withdrawn each year: 11,000

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

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

   Signature of Owner: John A. McPate
   Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF NEW MEXICO
County of [redacted]

This instrument was filed in my office
this [redacted] day of [redacted], 1967
at 10:00 o'clock A.M.

[Signature of [redacted]]

County Clerk & Recorder

By [Signature of [redacted]] 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: Paul H. Strickland
Address: 90 Box 343, Laurel, MT 59044
Date well started: 7/1/1972
Type of well: DRIVEN
Equipment used: DRIVER

Date well completed: 9/1/1972

DRILLER'S LOG

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

Top of Ground (Elevation above sea level)

<table>
<thead>
<tr>
<th>Depth (Ft)</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

Water at 101'
30.7' Permin

Power: Pump 31 HP

Remarks: (Gravel packing, cementing, type of gravel, elevation of pump, etc.)

Static water level: 7 ft.
Pumping water level: 12 ft.

Irrigation: 120 gallons per minute measured 1/2 hours after pumping began.

*Measured from ground level.

Well developed by PUMP for 6 hours.

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

Each small square represents 40 acres.

Driller's Signature: Drilling, Inc.
Driller's Address: 123 WINE MIKE ST

Billings, MONT LICENSE NO. 188
Fill in where marked X.
DEVELOPMENT OF VESTED GROUNDSWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. (Name of Appropriator) __________ State of __________
   County of __________ Address __________
   (Address) __________ (Town)
   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 & Recorder; Duplicate to the State Engineer; Triplicate

to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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

1. Name of Appropriator
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

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 September, 1964,
at 10:00 o'clock A.M.

[Signature]
Sheriff & Recorder

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

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

STATE ENGINEER

1. (Name of Appropriator) (Address) (Town)

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): 100

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: Nov. 1940

8. The depth of water table: 16 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: 21 feet deep

10. The estimated amount of groundwater withdrawn each year: 2,000,000 gallons

11. The log of formations encountered in the drilling of each well if available: 1 foot of shale, 4 feet of sand, 1 foot of 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:

Signature of Owner: [Signature]

Date: Dec. 29, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
**Declaration of Vested Groundwater Rights**
(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator**: 
   **Address**: 
   **Town**:
   **County**: 
   **State**:

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: _June 1957_

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): _75_

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: _June 1957_

8. The depth of water table: _19 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: __________

10. The estimated amount of groundwater withdrawn each year: _9,000 gals._

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: __________

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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

SHERMAN COUNTY

This instrument was filed in my office.

This 12th day of July, A.D. 1952.

Edwin R. Rindfus
County Clerk & Recorder

Deputy
Top of Ground
(Elev. above sea level____)

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 started: 5/16/63
Date Completed: 5/17/63

Type of well: Drilled

Equipment Used: Churn Drill

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

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

<table>
<thead>
<tr>
<th>Strata Met With</th>
<th>Character</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Clay</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Shale</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Gravel</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Rock</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sand</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

| Depth at which water is encountered: 15 ft. |

Static Water Level for non-flowing Well: 7 ft.
Shut-in Pressure for flowing Well: 32 in.
Pumping Water Level: 12 ft. at 25 gal. per minute.
Discharge in gal. per min. of flowing well: 1,000 gal.

How Tested: Bailer
Length of Test: 1 hr.

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 Appropiator.
FAIRE OF MONTANA
County of Yellowstone
This instrument was filed in my office
this 22 day of May 1963
at 10:38 o'clock A.M.

CHAS HUCH, County J. Clerk
By: Deputy
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Stanley A. Kline
Address: R.R. 1, Laurel, Mt. 59044
Contractor (if any): None
Address of Contractor: None
Date Started: August 5, 1971
Date Completed: August 5, 1971

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

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

3. Depth of water table

4. Use of the water
   Household & Stock

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

6. If used for irrigation, give number of acres and description of land
   Household (yard) & Stock Pond

7. Estimate amount of water used each year
   8,544,000 Gal.

8. Months of year spring flows
   12

Signature of Owner: Stanley A. Kline
Date: Nov 29, 1971

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

For Administrator's Use
File 295833
11-26-71
GW 1

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED
NOV 29 1971

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MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD

49481
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1964)

1. 

- Name of Appropriator: 

- Address of Appropriator: 

- County of: 

- State of: 

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

- DWELLING USE

- OTHER USE

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

- Location

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

- Gallons

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

- 

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

- Electric Pump

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.

- Depth of well: 28 ft.

9. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

- Inch pipe or well-casing, 1 inch plastic

10. The estimated amount of groundwater withdrawn each year.

- 1,500,000 gals

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

- 

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

- County Mineral Office, Missoula, Montana

Signature of Owner: 

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 21, Montana Session Laws, 1965)

1. J. D. Waid, Jr. of B. T. J. Laurel
   (Name of Appropriator) (Address)
   County of YELL State of MONT

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

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

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

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 10 gal per min.

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:
   JET PUMP

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

8. The depth of water table: 25'

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:
   DRAVEN: 2' = 25
   SAND POINT

10. The estimated amount of groundwater withdrawn each year: 300,000 gal

11. The log of formations encountered in the drilling of each well if available:
   HARD PAN CUMB 13' - GRAY L

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: J. D. Waid, Jr.
   Date: Dec 30, 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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Billie McDermott
Address: Billings

Date of Notice of Appropriation of Groundwater: APR 25 1966

Date well started: 4/20/66
Date well completed: 4/1/66

Type of well: Drilled
Equipment Used: Cable Tool

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.

Static Water Level for non-flowing Well
Shut-in Pressure for Flowing Well
Pumping Water Level: 15 feet at 30 gal per minute.
Discharge: 10 gal per min. of flowing well
How Tested: Drilled
Length of Test: 30 minutes

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.

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
OFFICE OF STATE ENGINEER

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

G. W. Fenton

of Box 336
Laurel

(Name of Appropiator)
(Address)
(Town)

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

Livestock

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

about 1881

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

20+ gal/min

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

pump

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

about 1881

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

dug by hand, 12 ft. deep

10. The estimated amount of groundwater withdrawn each year

unknown

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

unknown

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

unknown

Signature of Owner

Date 1-2-62

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

1. G. W. Fenton
   (Name of Appropriator)
   of Box 336 Laurel
   (Address) (Town)
   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
   Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   about 1939
   Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   20

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
   pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   about 1939

8. The depth of water table
   about 16 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
   Wall was drilled
   about 35 ft

10. The estimated amount of groundwater withdrawn each year
    unknown

11. The log of formations encountered in the drilling of each well if available
    about 6 ft—dirt
    about 24 ft—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
    unknown

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

1. Name(s) of Appropria-
    
2. Beneficial use or 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

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 appropria-

1157
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Alma L. Williams, R. N. Williams
   (Name of Appropriator)
   100 Main St., Laurel
   (Address)
   County of Yellowstone
   of State of Montana

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

   1. The beneficial use on which the claim is based: watering stock in coral

   2. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 1945, continuous

   3. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 gals per minute

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

   5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric pump, at coral, 150 ft. N. of house

   6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1945

   7. The depth of water table: 14 ft. of surface

   8. The estimated amount of groundwater withdrawn each year: 275,000 gallons

   9. The log of formations encountered in the drilling of each well if available: 13 ft. top, soil, balance gravel and sand

   10. 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 December 25, 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)

STATE ENGINEER

Alma L. Williams, E. M. Williams, of Laurel, Montana

County of Yellowstone, State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...Summer of 1902, continuous...

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...10 gal. per minute...

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...yard irrigation...1/2 acre...

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...Summer of 1902...

8. The depth of water table...1 ft. from surface...

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...originally a dugged rock-walled well, later put in 4 ft. casing...

10. The estimated amount of groundwater withdrawn each year...300,000...

11. The log of formations encountered in the drilling of each well if available...first foot top soil, then gravel and sand...

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

Signature of Owner: Alma L. Williams
Date: December 2nd, 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, 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. R. M. WILLIAMS & THERMA C. WILLIAMS
   (Name of Appropriator)
   Box 188, Laurel
   (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 - residence and irrigation of lawn and garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October 17, 1957 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) - 10 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 2 acres, pasture and garden, R. M. and Thelma C. Williams.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1/2 Hoss Feta pump, located at NE corner of home.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Completed October 15, 1957.

8. The depth of water table - 34 feet from surface.

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. Depth 37 feet, 6" casing, 27 feet drilled well.

10. The estimated amount of groundwater withdrawn each year - 365,000.

11. The log of formations encountered in the drilling of each well if available. First foot, top soil, 3' gravel, 5' sand, 5' coarse gravel, 22' fine gravel and some sand.

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

Signature of Owner

Date December 25th, 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.
274180

MONTANA

This instrument was filed in my office Dec 30 1893.

[Signature]

[Date]
WATER WELL LOG

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Address</td>
<td>Sec of Town</td>
</tr>
<tr>
<td>Driller</td>
<td>Not Known</td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Date Completed</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 25 R 24 E Sec 50 T 36 S</td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug, driven, or drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn, drill, rotary other</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, Municipal, Stock, Irrigation</td>
</tr>
<tr>
<td>Industrial</td>
<td>Drainage</td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Perforated or screened ft. to ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>feet</td>
</tr>
<tr>
<td>Shut-in pressure for flowing well: lb./sq. in. on:</td>
<td>(date)</td>
</tr>
<tr>
<td>Pumping water level feet at gal. per. min.</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

Gravel Packing - the well is plugged where the depth is to will be shut off

[Redacted]
# WATER WELL LOG

**Owner:** L. M. DiPittis  
**Address:** 50 of Lawl

**Driller:** Not known  
**Address:**

**Date Started:** Not known  
**Date Completed:** Not known

**Location:** Sec. 21, T. 25 R. 24 E. 5 Sec. 26 R. 24 E

**Type of well:** Driven  
**Equipment used:** Not known  
(Dug, driven, or drilled) (Churn, drill, rotary other)

**Water use:** Domestic X  
Municipal  
Stock  
Irrigation X

Industrial  
Drainage  
Other

**Casing:** ft. to ft. Type __________ 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 at gal. per. min.

**How tested:**

**Length of test:**

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

- Gravel packing - the well is privately owner, we bought it; we do not know any of particulars
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
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
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.

For Administrator's Use

Emma
Owner: M.B. W. Frank
Address: 10 R.P.

Date well started: Oct. 7-72
Date completed: Oct. 9-72

Type of well: Drilled

Equipment used: Rotary

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Fringe Hole</th>
<th>Rise and Depth of Fringe</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Kind of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>81 1/2&quot;</td>
<td>14</td>
<td>21</td>
<td>1/4&quot;</td>
<td>3/8&quot; x 20 ft.</td>
</tr>
<tr>
<td></td>
<td>15&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 12 ft.
Pumping water level: 20 ft.
at 3 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level.

Well developed by D.A. for 2 hours.

Power: N. Pump: A. HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) D.P.A. D.P.L. C.B. L. P. F.

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

Driller's Signature: J. L. B.
Driller's Address: 3113 Prairie Drive

LICENSE NO. 197

Show exact depth of bottom.

5/388
STATE OF MONTANA:

Co. Yellowstone.

This instrument was filed in my office

JULY 26, 1902.

MERRILL H. KLUNDT
Clerk of Court & Recorder.

By

[Signature]

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

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Address

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use.

Signature of Owner

Date

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA,)
County of Yellowstone,
This instrument was filed in my office
this 9 day of Dec, 1962
at 12:10 o'clock P. M.
Edison S. Reeding,
County Clerk & Recorder
By
Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

1. INEZ D. MORNING, of P. O. BOX 1056 LAUREL, MONT.
   (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: DRINKING, IRRIGATING

   3. Date or approximate date of earliest beneficial use: 1948 - DAILY USE

   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:

   N.W. 1/4 OF S.E. 1/4 OF N.E. 1/4 OF Sec. 15 T10N. R3E.
   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 the well or other means of withdrawal: ONE WELL (ARTESIAN TYPE), WITH ELECTRIC PUMP (SEE GRAPH FOR LOCATION)

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: APPROX 1 WEEK IN 1944

   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: 21 FT. DEEP

   10. The estimated amount of groundwater withdrawn each year

   11. The log of formations encountered in the drilling of each well if available. WENT THRU THE SURFACE WATER AND DRILLED THROUGH SHALE OR LIMESTONE TO UNDERGROUND STREAM

   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: DRILLER TOLD US THIS IS AN ARTESIAN TYPE WELL CAPABLE OF IRRIGATING THE WHOLE 10 ACRES. ALTHO WE HAVE USED IT ONLY FOR LAWN IRRIGATION AND A LITTLE FOR THE PASTURE WHEN DITCH IS NOT TURNED IN.

   Signature of Owner: __________________________

   Date: 12/30/63

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Address</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Driller Address</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Date Started</td>
<td>Apr. 1959</td>
</tr>
<tr>
<td>Date Completed</td>
<td>May 1959</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. T, R., ¼ Sec.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug, driven, or drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn, drill, rotary, other</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, municipal, stock, irrigation, industrial, drainage, other</td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Perforated or screened: Ft. to Ft.</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Static water level, for non-flowing well</td>
<td>[Redacted] feet</td>
</tr>
<tr>
<td>Shut-in pressure for flowing well:</td>
<td>[Redacted] lb./sq. in. on: [Redacted] (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>[Redacted] feet at [Redacted] gal./per. min.</td>
</tr>
<tr>
<td>How tested</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Length of test</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Field</td>
<td>Information</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>Owner</td>
<td>Hill D</td>
</tr>
<tr>
<td>Address</td>
<td>Butte, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>Home</td>
</tr>
<tr>
<td>Date Started</td>
<td>1949</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1949</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. T R S</td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug (drain or drilled)</td>
</tr>
<tr>
<td>Equipment used</td>
<td>(Churn, drill, rotary, other)</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing</td>
<td>8 ft. to 18 ft.</td>
</tr>
<tr>
<td>Type</td>
<td>Steel</td>
</tr>
<tr>
<td>Size</td>
<td>12 in.</td>
</tr>
<tr>
<td>Perforated or screened</td>
<td>8 ft. to 18 ft.</td>
</tr>
<tr>
<td>Static water level</td>
<td>feet (for non-flowing well)</td>
</tr>
<tr>
<td>Shut-in pressure</td>
<td>lb./sq. in. (on: (date))</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>feet at gal. per. min.</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>
Form No. 18

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

Date Started: 1939
Date Completed: 1939

Location: Sec ___ T __ R __

Type of well:
- Dug
- Driven
- Drilled
- Churn
- Drill
- Rotary
- Other

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

Casing:
- From ft. to ___ ft.
- Type
- Size

Casing:
- From ft. to ___ ft.
- Type
- Size

Casing:
- From ft. to ___ ft.
- Type
- Size

Perforated or screened:
- From ft. to ___ ft.
- From 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 at ___ gal. per min.

How tested: ___

Length of test: ___

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

Gravel Packing
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., G. C. McMCullen, of Box 1194, Laurel
   County of Yellowstone, 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 on 40 acres on the NW 1/4 of Sec. 22, Township 28, Range 24, Yellowstone County, Montana
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
   1500 gal. per minute, about 12 hours per use each alternate day

4. The annual period (inclusive dates) of intended use
   April 1st - Sept. 30th

5. The probable or intended date of first beneficial use
   April 1, 1965

6. The probable or intended date of commencement and completion of the well or wells
   Open pit as reservoir, filled by natural flow through gravel, excavated by dragline, completed February 27, 1965.

7. The location, type, size and depth of well or wells contemplated
   open pit 9 feet deep, 59 feet wide, and 325 feet long

8. The probable or estimated depth of the water table or artesian aquifer
   falls to surface

9. Name, address and license number of the driller engaged
   Chas. Carnay, Billings, Montana

10. Give such other similar information as may be useful in carrying out the policy of this act
   Open excavated pit as reservoir for irrigation water to be pumped into open ditch for surface irrigation of 40 acres as described

   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.

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

   Signature of Appropriate: __________________________ Date: March 22, 1965

   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 Teton

This instrument was executed this MAR. 28, 1965, at 9:22 A.M.

Edwin B. Huddling,
County Clerk & Recorder

[Signature]

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

Owner: C.C. McMullen  Address: Box 1194, Laurel

Contractor: Chas. Carney  Address: Billings, Montana

Date of Notice of Appropriation of Groundwater: March 1, 1965

Date well started: Jan. 20, 1965  Date Completed: Feb. 27, 1965

Type of well: Open excavated  Equipment Used: Drag line

Water Use: Domestic  Municipal  Other  Irrigation

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

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

Static Water Level for non-flowing well: Ground surface

Shut-in Pressure for Flowing well: not known

Pumping Water Level: 8' below ground surface at 250 gal. per minute.

Discharge in gal. per min. of flowing well: non flowing

How Tested: pumping  Length of Test: 15 days

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)...open pit, 8'

below ground surface, fills to surface, through gravel layer 6' deep, overlaid by 3' soil, 40 acres to be irrigated

Contractors License No.: 3267

Contractor's Signature: [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 Approprietor.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. G.C. McPherson  
   (Name of Appropriator)  
   Box 1194, Laurel  
   (Address)  
   County of Yellowstone  
   State of Montana  

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

   - Pit location below

   

   

   NWSE  
   Sec. 22 T 29 R 24

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

   - The beneficial use on which the claim is based: Irrigation and stock water.

   - Date or approximate date of earliest beneficial use: April 1, 1965. Use will be continuous after start.

   - The amount of groundwater claimed (in miner's inches or gallons per minute): 1500 gal. per minute, about 12 hours per use, each alternate day.

   - If used for irrigation, give the acreage and description of lands to which water has been applied and name of owner thereof: 10 acres, NWSE 1/4, Sec. 22, T29N, R24W, Yellowstone County, Montana.

   - The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Withdrawal by pump. Well or pit located on drawing on plot.

   - The date of commencement and completion of the construction of the well, wells, or other works for withdrawal: wall or pit commenced Jan. 20, 1965. Completed, February 27, 1965.

   - The depth of water table: 8 feet, fills to ground surface.

   - 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: open pit excavated by dragline to depth 8 feet, 59 feet wide at surface, 325 feet long at surface, water withdrawal will be by pump into distribution ditch system.

   - The estimated amount of groundwater withdrawn each year: 1500 gal. per min., 750 hrs. per year.

   - The log of formations encountered in the drilling of each well if available: 3 feet soil overlaying 5 feet gravel saturated with water.

   - 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: G.C. McPherson

   Date: March 22, 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.
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Franklin D. Rowland, of Route 1, Laurel,
County of Yellowstone, State of Montana,
have appropriated groundwater according to the Montana laws in effect prior to
January 1, 1962, as follows:

1. The beneficial use on which the claim is based

2. Date or approximate date of earliest beneficial use and how continuous that use has been

3. The amount of groundwater claimed (in miner's index of 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 said means of withdrawal

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

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

8. The depth of water table

9. As 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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Loyd E., Em J. Sherry, Address: R.R. 1, Laurel, Mont. 310/527/5
Driller: Midland Drilling Co., Address: Butte, Mont.
Date Started: 4/16/49, Date Completed: 4/19/49
Location: Sec. 22, T. 25, R. 24 E, sec. 41, 1/2 SW 1/4, sec. 22

Type of well: Drilled
Equipment used: Churn drill

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

Casing: 7" O.D. ft. to 26 ft. Type [ ] Size: [ ]
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: (over)

Static Water level, for non-flowing well: 15 feet.
Shut-in pressure, for flowing well: [ ] lb. per sq. in. on: (date)
Pumping water level: 14.7 feet at 2:00 gal. per min.
How tested: [ ] gal. per pump
Length of test: 2 days

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>5 ft to 10 ft</td>
<td>Sand</td>
</tr>
<tr>
<td>10 ft to 20 ft</td>
<td>gravel</td>
</tr>
</tbody>
</table>
Form No. 18

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner | J.R. Shay
Address | Laurel, Mont.

Driller | Mr. Norling
Address | Billings, Montana

Date Started | Spring, 1933
Date Completed | Apr., 1935

Location: Sec. 29, T. 24 R. 24 Sec.

| Type of well | Drilled |
| Equipment used | (Dug, driven, or drilled) |
| Water use | Domestic [X], Municipal [ ], Stock [ ], Irrigation [ ], Industrial [ ], Drainage [ ], Other [ ] |
| Casing: ft. to ft. | Type [ ], Size [ ] |
| 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 feet. at gal. per. min. |
| How tested |
| Length of test |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) |

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Glenn D. Sheep**, of **Laurel**
   (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:

<table>
<thead>
<tr>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>SW 1/4</td>
<td>Sec. 22, T25 S, R. 24 E</td>
</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **7/1/1936**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **40 gallon per min.**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   - **Lawn and Garden**
   - **Grass**
   - **Irrigation**
   - **Lawn and App. 95/50, S.W. of Residence**
   - **Owner: Glenn D. Sheep**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - **20 HP. Operated Pump**
   - **Two Wells**
   - **Located App. 95/50, 50, S.W. of Residence**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - **Started 1/1/1936, completed 2/1/1936**

8. The depth of water table: **32**

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:
   - **One Well**
   - **32' deep by 4' casing**
   - **One Well**
   - **24' by 4' casing**

10. The estimated amount of groundwater withdrawn each year: **36,000 gal.**

11. The log of formations encountered in the drilling of each well if available:
   - **Surface = 9' of Sand, 7' from 9' to Depth of Wells**
   - **Gravel + Rock**

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**

   Signature of Owner: **Glenn D. Sheep**
   Date: **12/30/1965**

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
dated Oct 30, 1910,

N\E

Edward S. Reading,
County Clerk & Recorder

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

Owner: George W. Remas
Address: Billing, Mont.
Driller: D. D. Drieling
Date of Notice of Appropriation of Groundwater: 5/19/70
Date Well Started: 5/19/70
Date Completed: 5/25/70
Type of Well: Drilled
Equipment Used: Cable
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.

Static Water Level for non-flowing Well: 6 feet
Shut-in Pressure for Flowing Well: 3 gal. per minute
Discharge in gal. per min. of flowing well: 34
How Tested: BAER
Length of Test: 74 HRS
Remarks: (Gravel packing, cementing, packers, type of shot, location of place of use of ground water 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 is 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: 847646
Driller's Signature: [Signature]
**Notice of Completion of Groundwater Appropriation by Means of Well**  
(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** C.H. Turner  
**Address:**  
**Driller:** Diggs & Dally  
**Address:**  

**Date of Notice of Appropriation of Groundwater:** 3-26-72  
**Date Well Started:** 3-26-72  
**Date Completed:** 3-31-72

**Type of Well:** Drilled  
**Equipment Used:** Rotary or Drilled

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

*Indicate on the diagram the character and thickness of the different strata met with in drilling, such as silt, 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>Sheeted Drilled Area</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6 x 1</td>
<td>14</td>
<td>34</td>
<td>OPR QSBM007</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 19 feet.  
**Shut-in Pressure for Flowing Well:** N.A.  
**Pumping Water Level:** 30 feet at 20 gal. per minute.  
**Discharge in gal. per min. of flowing well:** N.A.  
**How Tested:** BAIL  
**Length of Test:** 2 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). PACHEX

<table>
<thead>
<tr>
<th>Static Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 feet</td>
</tr>
</tbody>
</table>

**Driller's License Number:** 122  
**Driller's Signature:** 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: Thomas Eastman  
Address: Laurel, Montana

Driller: Diller Dill  
Address: Laurel, Montana

Date of Notice of Appropriation of Groundwater: ________________

Date well started: ________-____-____ Data Completed: ________-____-____

Type of well: Dug, Driven, Bored or Churn, Drill, Rotary or Drilled

Water Use: Domestic     Municipal     Irrigation

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.

Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

**PERFOMANCE**

<table>
<thead>
<tr>
<th>Depth of Bored Hole</th>
<th>Rise or Fall of Water (Feet)</th>
<th>Perforation (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>6'17'</td>
<td>14 36</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 11 feet.

Shut-in Pressure for Flowing Well: N.A.

Pumping Water Level: 25 feet at 20 gal. per minute.

Flow Tested: 134 gpm  
Length of Test: 7 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).

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

Show exact depth of bottom.

File No. 912344  
Driller's License Number: 197

Filed for record this 25 day of July, A.D. 1979, at 1:30 p.m.

Driller's Signature: J. D. Dill

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, as 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.