STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropria e Street of Park City

County of Stillwater 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
   domestic and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1. stock well, date unknown
   2. domestic well, August 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   1. 100 miner's inches
   2. 100 miner's inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   not intended for irrigation
   Lot 1-2-3 Sec. 30 T28 R98

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   1. cylinder pump
   2. pressure pump
   Lot 1-2-3 Sec. 30 T28 R98

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

8. The depth of water table
   1. surface
   2. 32 feet approximately

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
   1. Pit well approximately 12 feet deep
   2. 6 inch hole, 35 feet deep

10. The estimated amount of groundwater withdrawn each year
    1. continuous 150 inches
    2. 75 inches

11. The log of formations encountered in the drilling of each well if available
    1. approximately 3 feet deep limestone
    2. 6 feet top soil, talcaceous sand and "fine" 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 ____________________________ Date 6-31-62

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 Appropria e
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: February 27, 1965

Owner: G.C. McMillen Address: Box 1194, Laurel

Contractor (if any): None

Address of Contractor: ____________________________

Date Started: ____________________________ Date Completed: February 27, 1965

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

Sub-irrigation: to water level = 6 ft

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.

Grass growing on sub-irrigation soil continuously

Signature of Owner: ____________________________

Date: March 22, 1965

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.
## Groundwater Index

**County:** Yellowstone  
**Twp.:** 2S  
**Rge.:** 24E  
**Foldout:** 9  
**Sections:** 1  

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<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
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<td>2</td>
<td>Vaughan, Emmett</td>
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<td>Vaughan, Mary Inez</td>
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<td>Beartooth Enterprises</td>
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<td>Wilson, Gertrude</td>
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<td>Hansen, Harley &amp; Donna</td>
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Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(For completion of wells drilled prior to January 1, 1962, a separate form is required)

Date of Notice of Appropriation of Groundwater


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

Date well started

Date completed

Type of Well Drilled

Equipment used

Water use:

Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

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

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

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

Driller's License Number

Driller's Signature
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962

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

Owner: 
Address: 
Driller: 
Date of Notice of appropriation of groundwater: 
Date well started: 
Date completed: 
Type of well: 
Equipment used: 
Water use: 

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

<table>
<thead>
<tr>
<th>Size of Drift</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 inches</td>
<td>8.98 ft.</td>
<td>14 ft.</td>
<td>29 ft.</td>
<td>Johnson well</td>
</tr>
<tr>
<td>Screen</td>
<td>5 ft. 15 ft.</td>
<td></td>
<td></td>
<td>5 ft. 15 ft.</td>
</tr>
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</table>

Static Water Level for non-flowing well 17 feet.
Shut-In Pressure for Flowing Well 47 feet.
Pumping Water Level 35 feet at 47 gal. per minute.
Discharge in gal. per min. of flowing well Test Pump Length of Test: 8 bars.
Remarks: (Gravel packing, cementing, packers, type of shutoff) Set Johnson
Well Screen: Cut 47 Style Packers
Sand from Water Well should be pumped at No GPM
(Continue on reverse side)

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

Show exact depth of bottom.

38 ft.

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, tissue copy to be retained by driller.

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

Driller's License Number

Driller's Signature
Form No. 18

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>School Dr. #</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>J. E. Anderson</td>
<td></td>
<td>Mar 1, 1966</td>
<td>Nov 12, 1966</td>
</tr>
</tbody>
</table>

Location: Sec. 1 T. 25 R. 14 E Sec. 5 E

Type of well
- [ ] Drilled
- [ ] Equipment used
  - [ ] Churn
  - [ ] Drill
  - [ ] Rotary
  - [ ] Other

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

Casing: [ ] 6 ft. to 24 ft. Type [ ] lb. Size [ ] ft. 
Casing: [ ] to [ ] ft. Type [ ] Size [ ]
Casing: [ ] to [ ] ft. Type [ ] Size [ ]

Perforated or screened
- [ ] Ft. to Ft. to Ft. to Ft.

Type of screen or perforations:

Static water level, for non-flowing well:

Shut-in pressure for flowing well:

Pumping water level:

How tested:
- [ ] Pumps

Length of test:

Remarks:
- [ ] Gravel packing, cementing, packers, type of shut-off, depth of shut-off

RECEIVED
DEC 29 1961
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

Driller

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

PERFORATIONS

Statue water level

Pumping water level

Gallons per minute

Days minutes after pumping began.

*Measured from ground level.

Well developed by

Power

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 Address

Driller's Signature

License No.

COUNTRY

Show exact depth of bottom
STATE OF MONTANA
County of Yellowstone
This instrument was filed in my office
this day at 19
at 2:27 o'clock P.M.
MERRILL ALSTROM
Clerk Recorder of Yellowstone County
By
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Henry Day  Address: Laurel, Mont.
Driller: Mayle M. Kuchan  Address: Laurel, Mont.

Date of Notice of Appropriation of Groundwater:
Date well started: 3/10/64  Date Completed: 3/14/64

Type of well: Drilled  Equipment Used: Cable Tool
(dug, driven, bored or drilled)

Water Use: Domestic  Municipal  Other  Irrigation
Industrial  Drainage  Stock

"Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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>Pumps</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>8&quot;</td>
<td>30&quot;</td>
<td>4&quot;</td>
<td>41.5</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well... 26 feet.
Shut-in Pressure for Flowing Well...
Pumping Water Level... 16 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well...

How Tested: Bailing  Length of Test: 45 min.
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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Henry Key  Address: Laurel, Mont.
Driller: C.T. Mathias  Address: Laurel, Mont.

Date of Notice of Appropriation of Groundwater: ____________________________
Date well started: ____________________________ Date Completed: ____________________________

Type of well: Drilled  Equipment Used: (Drill, drive, rotary or other)

Water Use: Domestic  Industrial  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 Cones</th>
<th>Pumping Pressure</th>
<th>Length of Test</th>
<th>Perviousness</th>
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</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6'-14'-25'-0</td>
<td>37'/2</td>
<td>5'-6&quot;</td>
<td>3'-41'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 20 feet
Shut-in Pressure for flowing well: ____________________________
Pumping Water Level: 30 feet at 24 gal. per minute
Discharge in gal. per min. of flowing well: ____________________________
How Tested: ____________________________
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

36
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 Approprietor.
STATE OF MONTANA,
County of Yellowstone.

This instrument was recorded in the office of the
*** County Clerk of Yellowstone County, Montana,***
this ___ day of _______ 19___ at ______ o'clock ______ AM.

By: ____________________

S. Bohing
Clerk

J. W.
STATE WATER CONSERVATION BOARD

WT No.------------------------ FEB 2 1965

DUPLICATE

State of Montana
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: Peavey Company Address: Minneapolis, MInnesota 55415

Well Drillers, Inc. Address: P.O. Box 409 BILLINGS, MONTANA

Date of Appropriation: 1/7/66

Date well started: 12/23/65 Date completed: 1/7/66

Type of well: Water (Drilled) Equipment Used: Rotary
(dug, driven, bored or drilled)

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

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

1000 Grain Exchange

Owner: Peavey Company Address: Minneapolis, Minnesota 55415

Driller: Well Drillers, Inc. Address: P.O. Box 409 BILLINGS, MONTANA

Date of Appropriation: 1/7/66

Date well started: 12/23/65 Date completed: 1/7/66

Type of well: Water (Drilled) Equipment Used: Rotary
(dug, driven, bored or drilled)

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

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

Shale, gray

Gravel, pea

Shale, gray

Shale, Sandy, gray

Shale, Gray

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Form No. 18
8-60

County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: Emmett Vaughn
Address:

Driller: Address:

Date Started: Date Completed:

Location: Sec. 2 T. 35 R. 24 E 1 sec. NE

Type of well: Dug Equipment used: Hand tools
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic □ 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: _______ /e. feet.

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

Pumping water level ______ feet at ______ gal. per min.

How tested: Pump

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Curved with flat rock

(over)
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. Mary Inez Vaughn  
   (Name of Appropriator)  
   County of Yellowstone  
   (County)  
   State of Montana  
   (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. 
   (Narrative of use)  

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

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

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

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. 
    (Estimated 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. 
    (Other information)  

   Signature of Owner: Mary Inez Vaughn  
   Date: Jan. 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Mary Jonez Vaughn
1209 E 15th St
Laurel, MT 59455
County of Yellowstone
State of Montana

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

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

2. The beneficial use on which the claim is based: due to non-use of house, livestock, or neighboring ranch.

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

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

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

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: unknown.

8. The depth of water table: unknown.

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: unknown.

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

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:

Signature of Owner: Mary Jonez Vaughn
Date: Dec. 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 document was filed in my office

This 3 DEC 1965
at 12:10

Edwin S. Roach
County Clerk & Recorder

By

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

Declaration of Vested Groundwater Rights
(Under Chapter 257, Montana Session Laws, 1961)

1. Henry Poos, of Box 252, Rte. #1, Laurel (Name of Appropriator)
   (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: home and
      cattle

   3. Date or approximate date of earliest beneficial use; how continuous the use has been: 1946 - both wells

   4. The amount of groundwater claimed: (in miner's inches or gallons per minute) home 10 gallons per minute,
      cattle 10 gallons per minute

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

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

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

   8. The depth of water table: 20 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6-in. casings 30 ft.

   10. The estimated amount of groundwater withdrawn each year: 900,000 - both wells

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

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

   Signature of Owner: ____________________________
   Date: December 10, 1962

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

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

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

This instrument was filed in my office
this 10 day of 1963
at 10:25 o'clock A.M.

CHRIS RUPICH, County Recorder
By: Deputy

696536
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Henry Jones**
   (Name of Appropriator)
   of Box 123, Rte. 1, 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:

   - The beneficial use on which the claim is based
   - Date or approximate date of earliest beneficial use; and how continuous the use has been: 1941, continuous
   - The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gallons per minute
   - 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
   - The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump
   - The estimated amount of groundwater withdrawn each year: 900,000 gallons
   - The log of formations encountered in the drilling of each well if available
   - 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 10, 1962

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

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

   Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropitator.
STATE OF MONTANA
County of Yellowstone

This instrument was filed in my office
this 10 day of Dec 1967
at 10:30 o'clock A.M.

CHRIS RUBIN, County Recorder

[Signature]

[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)

Owner: Philip J. Kowba
Address: Laurel, Montana

Driller: Various
Address: Richland, Montana

Date of Notice of appropriation of groundwater: 5/15/71
Date well started: 5/15/71
Date well completed: 5/24/71

Type of well: Bored
Equipment used: Champion drill
(Dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Length From</th>
<th>Diameter To</th>
<th>Length From</th>
<th>Diameter To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>6 5/8</td>
<td>18 1/2</td>
<td>13 3/4</td>
<td>11 1/2</td>
<td>19 9/10</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 2 feet.
Shut-in Pressure for Flowing Well: 5
Pumping Water Level: 15 feet
Discharge in gal. per min. of flowing well: 15

How Tested: Beater & Test Pump
Length of Test: 4 hrs

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

Indicate location of well and place of use, if possible. Each small square represents 40 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 in Recorder in the county in which the well is located, one copy to be retained by driller.

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

Driller’s License Number
Driller’s Signature

48659
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Philip J. Knueb
Address: Curlew, Montana

Driller: J. J. Drilling
Address: Whitehall, Montana

Date of Notice of appropriation of groundwater: ____________________________
Date well started: 5/15/71 Date completed: 5/15/71

Type of well: private Equipment used: Churn
(Dug, driven, bored or drilled) (Drilling, rotary or other)

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

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

Static Water Level for non-flowing well
4 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level: 15 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: ?

Length of Test: 3 hours

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

(Continue on reverse side)

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

Driller's License Number

Driller's Signature
STATE OF MONTANA

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

1. J. WILLARD BALDWIN, of P.O.-BOY.- 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, 1963, as follows:

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1/2 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 water system - pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: MARCH 5-- APRIL 1, 1957

8. The depth of water table: 45' TO 65'

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 well - 6' deep

10. The estimated amount of groundwater withdrawn each year: 1000

11. The log of formations encountered in the drilling of each well if available: 10-45' Poor 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: None

Signature of Owner: J. WILLARD BALDWIN
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: Beartooth Enterprises, Inc., Box 18, Laurel, Mont.
Driller: Beartooth Enterprises, Inc., Box 18, Laurel, Mont.
Date of Notice of Appropriation of Groundwater

Date Well Started: 9-4-63
Date Completed: 10-11-63

Type of Well: Drilled

Equipment Used: Drill

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>Stratum</th>
<th>Depth</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dirt &amp; Gravel</td>
<td>40'</td>
<td></td>
</tr>
<tr>
<td>Yellow Clay</td>
<td>67'</td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Gravel</td>
<td>112.5'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20.5 feet.
Shut-in Pressure for Flowing Well:...
Pumping Water Level: 92 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well:...

How Tested: Bailier
Length of Test: 1 hour

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). None used.

Driller's License Number

Beartooth Enterprises, Inc.
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.

4/4/66
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Type of well: Drilled
Equipment Used: Cable tool

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.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Depth (ft)</th>
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<tbody>
<tr>
<td>Yellow clay</td>
<td>34 = 56</td>
</tr>
<tr>
<td>Sand and clay</td>
<td>56 = 78</td>
</tr>
<tr>
<td>Yellow clay</td>
<td>78 = 92</td>
</tr>
<tr>
<td>Gravel</td>
<td>92 = 102</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: July 15, 1966
Date well started: July 24, 1966
Date completed: Aug 1, 1966

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: 165
Driller'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 Approporator.
STATE OF MONTANA
County of Yellowstone

This instrument was filed in my office
this day of , 1986

[Signature]
County Clerk & Recorder

[Signature]
## WATER WELL LOG

**Owner:** Walter E. Mayhew, Mullan Address: 230 E. Park, Butte, Mont.

**Driller:** McKeough Drilling Co. Address: Park City, Mont.

**Date Started:** 1956  
**Date Completed:** 1956

**Location:** Sec. 4, T. 2 S. R. 34 E 1/4 sec. N.W. 1/4 - Sec. 4

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

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

- Industrial [ ]  
- Drainage [ ]  
- Other: [ ]

**Casing:**  
- 0 ft. to 45 ft. Type: Iron. Size: 5"

**Perforated or Screened:**  
- 45 ft. to 47 ft. Type: Perforated pipe

**Static Water level, for non-flowing well:** 40 ft. from surface feet.

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

**Pumping water level:** 40 feet at 8 gal. per min.

**How tested:** Bailed

**Length of test:** 2 hrs.

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

(over)
Form No. 18

WATER WELL LOG

Owner: H. P. Forrest
Address: 601 13th St. Butte, Mont.

Driller: C. A. McKillop
Address: 1306 Cherry Ave.

Date Started: 1954
Date Completed: 1954

Location: Sec. 4 T. 18 R. 14 E. 1st.

Type of well: Test well
Equipment used: Churn

Water use: Stock

Casing: 0 ft. to 100 ft. Type: Screen, Size: 6"
Casing: 100 ft. to 150 ft. Type: Screen, Size:

Perforated or screened: 100 ft. to 150 ft. Type: Screen, Size:

Type of screen or perforations:

Static water level, for non-flowing well: 70 feet.

Shut-in pressure for flowing well: 10 lb./sq. in. on:

Pumping water level: 70 feet at 40 gal.per.min.

How tested:

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

- **Owner:**
- **Address:**
- **Driller:**
- **County:**
- **Well Address:**
- **Date of Notice of Appropriation of Groundwater:**
- **Date Well Started:**
- **Date Completed:**
- **Type of Well:**
- **Equipment Used:**
- **Water Use:**
- **Equipment Made:**

### Water Levels and Measurements

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Weight of Contents</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kinds of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
</tbody>
</table>

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

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

**Pumping Water Level:**

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

**How Tested:**

**Length of Test:**

**Remarks:**

-(Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if use 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.
Form No. 18

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner

Address

Driller

Address

Date Started 1950  Date Completed 1950

Location: Sec. 4 T. 25 S. R. 24 E x Sec. 56 T. 25 S. R. 24 E

Type of well

Equipment used

Water use

Domestic [X]  Municipal [ ]  Stock [ ]  Irrigation [X]

Industrial [ ]  Drainage [ ]  Other [ ]

Casing: 50 ft. to 200 ft.  Type [ ]  Size [ ]

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

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

Perforated or screened Ft. [ ] to Ft. [ ] to Ft. [ ]

Type of screen or perforations [ ]

Static water level, for non-flowing well: 30 feet.

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

Pumping water level 40 feet at 50 gal. per. min.

How tested: Pump

Length of test 18 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Eugene Holland</td>
</tr>
<tr>
<td>Driller</td>
<td>McKeeham</td>
</tr>
<tr>
<td>Date Started</td>
<td>1957</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1957</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 16 T.5 R. 24 E. 4.1/2 S.E. 1 S.W. 1/4</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing: 50 ft. to __________ ft.</td>
<td>__________</td>
</tr>
<tr>
<td>Type</td>
<td>__________</td>
</tr>
<tr>
<td>Size</td>
<td>__________</td>
</tr>
<tr>
<td>Casing: __________ ft. to __________ ft.</td>
<td>__________</td>
</tr>
<tr>
<td>Type</td>
<td>__________</td>
</tr>
<tr>
<td>Size</td>
<td>__________</td>
</tr>
<tr>
<td>Casing: __________ ft. to __________ ft.</td>
<td>__________</td>
</tr>
<tr>
<td>Type</td>
<td>__________</td>
</tr>
<tr>
<td>Size</td>
<td>__________</td>
</tr>
<tr>
<td>Perforated or screened</td>
<td>__________</td>
</tr>
<tr>
<td>Pt. __________ to __________ ft.</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>20 feet</td>
</tr>
<tr>
<td>Shut-in pressure for flowing well:</td>
<td>__________</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>30 feet</td>
</tr>
<tr>
<td>How tested</td>
<td>__________</td>
</tr>
<tr>
<td>Remarks</td>
<td>__________</td>
</tr>
</tbody>
</table>

Form No. 18

T. 5-5
R. 24-E

Montana Bureau of Mines and Geology

Butte, Montana

Received
Jan 2 1962

State Engineer
Form No. 18

MONTANA BUREAU OF MINES AND GEOLOGY

State Engineer

WATER WELL LOG

Butte, Montana

Owner: John R. Lees
Address: Not Laurel

Driller: L. C. Meekan
Address: Park City

Date Started: 1957
Date Completed: 1957

Location: Sec. 14, R. 24 E 1/2, S. 33/4, T. 2-5-860, N. 35/4

Type of well: Drilled

Equipment used: Churn, drill

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

Casing:
- 0 ft. to 39 ft. Type 1201
- Size 6"

Perforated or screened:
- Ft. 10 to Ft. 50

Type of screen or perforations:
- Baited cal in lower sec. casing

Static water level, for non-flowing well:
- 16 feet

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

Pumping water level:
- 35 feet at 50 gal. per min.

How tested:
- Driller tested with lining of

Length of test:

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 237, Montana Session Laws, 1961)

1. H. L. Jackson, of Rule 1, Box 238, 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:

   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 approximately

   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)

STATE ENGINEER

1. H. B. Cooper
   (Name of Appropriator) of Route 1 Box 258 Lolo
   (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
   
   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
   
   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 OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(Developed after January 1, 1962)

(Under Chapter 327 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner or 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
Charles A. Lenhardt

### Address
308 Wyo

### Date well started
2/2/71

### Date well completed
2/5/71

### Type of well
Drilled

### Equipment used
Chase drill

### Water Use
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other
- Garden/Lawn

### Well is for new home
Yes

### 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
100,000 gal

### Top of Ground

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Freeboard (Feet)</th>
<th>Flow Rate (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td>18</td>
<td>18</td>
<td>33</td>
</tr>
</tbody>
</table>

### PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Drain Pipe</th>
<th>Size and Type of Casing</th>
<th>Pressure Feet</th>
<th>To Feet</th>
<th>Well Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-in.</td>
<td>6 x 8</td>
<td>33</td>
<td>33</td>
<td>None</td>
</tr>
<tr>
<td>4/5-O.D.</td>
<td>6 x 10</td>
<td>48</td>
<td>68</td>
<td>3/16 holes</td>
</tr>
</tbody>
</table>

### Static water level
25 ft

### Pumping water level
40 ft

### Power
Pump: 1 HP

### Remarks
- Gravel packing, cementing
- Down steel pipe into brown shale

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

Driller's Address: Siletz, Mont.

Driller's Signature: [Signature]

License No.: 27

Show exact depth of bottom: 68 ft.
STATE OF MONTANA
County of Yellowstone
This instrument was filed in my office
this 12th Day of March, 1973
\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\:\\}
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws 1967)

Owner: James Maher
Address: No. of Laurel

Driller: McKeehan & Son
Address: Laurel, Montana

Date of Notice of Appropriation of Groundwater: 5-4-67
Date Completed: 5-9-67

Type of Well: Drilled
Equipment Used: Rotary
(Dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Height</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravel</td>
<td>20 ft</td>
<td></td>
</tr>
<tr>
<td>Muddy Clay</td>
<td>30 ft</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>6 ft</td>
<td></td>
</tr>
</tbody>
</table>

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Eater
Length of Test: 30 min.

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 School of Mines and Quadruplicate for the Appropriator.
Form No. 18
8-60

KUNTZ "BUREAU OF INGS AND RECO
Cutte, Montana

RECEIVED
JAN 2 1957

Water Well or
STATE ENGINEER
Driller

Owner

Date Started
1908

Date Completed

Location: sec. 7 T.S.R. 2W sec. 5 T.S.R. 2W

Type of well
Drilling equipment used

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

Casing: ft. to 50 ft. Type Size
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

Perforated or screened: Ft. to Ft. to Ft. to Ft.

Type of screen or perforations

Static water level, for non-flushing well:

Shut-in pressure for flushing well:

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)
<table>
<thead>
<tr>
<th>Type of well</th>
<th>drill</th>
<th>Equipment used</th>
<th>drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>Municipia</td>
<td>&amp;</td>
</tr>
<tr>
<td>Industry</td>
<td></td>
<td></td>
<td>&amp;</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to 50 ft.</td>
<td>Type</td>
<td>steel pipe</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to</td>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to</td>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Perforated or screened</td>
<td>Ft. to Ft.</td>
<td>Ft. to Ft.</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flouring well:</td>
<td>24</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure for flouring well:</td>
<td>1b./sq. in. on</td>
<td>(date)</td>
<td></td>
</tr>
<tr>
<td>Pumping water level</td>
<td>50</td>
<td>feet at 10 gal. per min.</td>
<td></td>
</tr>
<tr>
<td>Has tested</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>gravel packing, cementing, packers, type of shut-off, depth of shut-off</td>
<td>Fed valve at 50 ft.</td>
<td></td>
</tr>
</tbody>
</table>
Form No. 18

STATE ENGINEER

25

COUNTRY

Potter, Montana

RECEIVED

3rd 4th E

Jan 2 1952

Date Started 4-1-48 Date Completed 4-7-48

Location: Sec. 7 T. 8 S. R. 146 T.0. N. 4 W. 4

Type of well

Drill

Equipment used

Churn drill, rotary other

Water use

Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

Casing: ft. to ft. "Type Metal" 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. per sq. in. on:

Pumping water level: feet at gal. per min.

How tested:

Length of test:

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

Test value @ 50 ft

Form No. 18
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Herman J. address: Samuel, Montana

Driller: stands By: Address: Billings

Date of Notice of Appropriation of Groundwater:

Date well started: 7/11/66 Date Completed: 7/14/66

Type of well: Drilled Equipment Used: cable Tool

(dug, driven, bored or drilled)

Water Use: Domestic  □  Municipal  □  Other  □  Irrigation  □

Industrial  □  Drainage  □  Stock  □

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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 Drilling Tool</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td></td>
<td>12&quot;</td>
<td>18&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 57 feet.

Shut-in Pressure for Flowing Well: 25 feet.

Pumping Water Level: 57 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Reading Length of Test: 30 min.

Remarks: (Gravel packing, cementing, packers, type of shut-off, 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.
DRILLER'S LOG

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: Bill Strauch
Address: Laurel, MT

Date well started: 3-29-73
Completed: 3-30-73

Type of well: drilled

Equipment used: churn drill

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

*Describe Lot 16 or 17 Block 2 Hathin Sub Division

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: 259,000 gal

Top of Ground
(Enter above see level)

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Soil Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>65-66</td>
<td>alluvial</td>
</tr>
<tr>
<td>55-60</td>
<td>silt loam</td>
</tr>
<tr>
<td>50-60</td>
<td>sandy clay</td>
</tr>
</tbody>
</table>

Static water level: 24 ft
Pumping water level: 35 ft
at 50 gallons per minute, measured 90 minutes after pumping began.

*Measured from ground level.

Well developed by: bailer
for: 2 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: [Signature]

Driller's Address: Box 32, Plantiff, MT 59028

LICENSE NO. 27

| COUNTY: Yellowpine |

Show exact depth of bottom: 66 ft
STATE OF MONTANA,

County of Yellowstone,

The instrument was filed in my office
this JUN 15 1973.

Mackenzie

Chairman

By Deputy
Form No. 18

8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>[Name and Address]</td>
</tr>
<tr>
<td>Driller</td>
<td>[Name and Address]</td>
</tr>
<tr>
<td>Date Started</td>
<td>[Date]</td>
</tr>
<tr>
<td>Date Completed</td>
<td>[Date]</td>
</tr>
<tr>
<td>Location</td>
<td>[Section Township Range Section]</td>
</tr>
</tbody>
</table>

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

Equipment used: (Churn drill, rotary other)

Water use: Domestic [ ] 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)
# MONTANA BUREAU OF MINES AND GEOLOGY

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner: F. E. Turner</td>
<td>Address: F1. 1st floor, Butte, Montana</td>
</tr>
<tr>
<td>Driller:</td>
<td>Address:</td>
</tr>
<tr>
<td>Date Started: 9-5-51</td>
<td>Date Completed: 9-5-51</td>
</tr>
<tr>
<td>Location: Sec. 4, T. R. 45</td>
<td>Sec. 4, T. R. 45</td>
</tr>
<tr>
<td><strong>Type of well</strong></td>
<td>(Dug, driven, or drilled)</td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>(Churn drill, rotary drill, other)</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]</td>
</tr>
<tr>
<td>Industrial [ ] Drainage [ ] Other [ ]</td>
<td></td>
</tr>
<tr>
<td>Casing: _ ft. to _ ft. Type _ Size _</td>
<td></td>
</tr>
<tr>
<td>Casing: _ ft. to _ ft. Type _ Size _</td>
<td></td>
</tr>
<tr>
<td>Casing: _ ft. to _ ft. Type _ Size _</td>
<td></td>
</tr>
<tr>
<td>Perforated or screened _ ft. _ to _ ft.</td>
<td></td>
</tr>
<tr>
<td><strong>Type of screen or perforations</strong></td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flowing well: _ feet.</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure for flowing well: _ lb./sq. in. on: _ (date)</td>
<td></td>
</tr>
<tr>
<td>Pumping water level _/0 _ 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: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>
**State Engineer**

**County**: Yellowstone

**Driller**: Clyde Sande
**Address**: Billings, Montana

**Date Started**: May 1969
**Date Completed**: May 1969

**Location**: Sec. 4, T. 29 R. 54 N., Sec. 3/4 of NW^1/4

---

**Type of Well**: Driven

**Drill pipe used**: Other

**Water use**: Domestic [X], Municipal [X], Irrigation [X], Stock [X]

**Casing**:
- **0 ft. to 50 ft.**: Type **Galvanized Iron**, Size 4"
- **50 ft. to 100 ft.**: Type **Galvanized Iron**, Size 4"
- **100 ft. to 150 ft.**: Type **Galvanized Iron**, Size 4"

**Perforated or screened**:
- **0 ft. to 50 ft.**: Type **Perforation**, Size 4"
- **50 ft. to 100 ft.**: Type **Perforation**, Size 4"
- **100 ft. to 150 ft.**: Type **Perforation**, Size 4"

---

**Static water level**: Twenty five feet

**Shut-off pressure for flowing well**: 10 lb./sq. in. on (date)

**Pumping water level**: 47 feet at 20 gal. per min.

**How tested**: Pump

**Length of test**: Two hours

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

**Foot valve at 45 feet.**