STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within
\underline{Water Appropriation} was filed
for record in my office this 16 day
of __________, A.D. 1965
at __ o'clock __ P.M.

Attest my hand and the seal of
said County

[Signature]

[Name]

Clerk and Recorder

[Signature]

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1963)

DAVID R. MAISON, JR. MOLINE, I. C.

Next 10', Ownh 3/2 Acre.

State Engineer, Mont.

Driller: Melvin F. Ellis Address: Miles City, Mont.

Date of Notice of Appropriation of Groundwater:

Date well started: Aug. 22, 1963 Date completed: Aug. 29, 1963

Type of well: Drilled Equipment Used: Drill

Driller's License Number

Driller's Signature

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.

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

*Notice to the County Clerk and Recorder: duplicates to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.*

<table>
<thead>
<tr>
<th>Driller's License Number</th>
<th>Driller's Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>McMillin /Ellis</td>
</tr>
</tbody>
</table>

**Site Information**

- **Date of Notice of Appropriation of Groundwater:**
- **Date Well Started:** Aug 11, 1974
- **Date Completed:** Aug 11, 1974
- **Well Drilled to a Depth of 51 feet**
- **Type of Well:** Drilled
- **Gravel Pack:** Gravel
- **Soil:** Solid Granite
- **Depth of Well:** 51'

**Well Data**

- **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 used for irrigation) 

**Diagram and Table**

- **Grid Location:** 16.4 Sec. 17 T.8 S. R.20 E.
- **M.P.N.**

**Additional Instructions**

- 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.
[Handwritten text in the image]
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: Louis Richardson
Address: Hildale City, Mont.
Driller: Bill Drilling
Address: Flatiron, Mont.

Date of Notice of appropriation of groundwater: 10-10-69
Date well started: 10/16/69
Date completed: 10/10/69

Type of well Drilled: Dug, driven, bored or drilled
Equipment used: Churn drill, rotary or other

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

Indicate 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
― feet.

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

How Tested: Drilled into a limestone about 100 ft. above and 100 ft. below. Was afraid to go deeper into the limestone as you could taste the water in the hand.

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

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, 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.
Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 30th day
of Oct. A.D. 1969
at 10:15 o'clock A.M.

Attest my hand and the seal of
said County

Shahid Amroli
Chief and Recorder

Deputy
**Notice of Completion of Groundwater Appropriation by Means of Well Developed after January 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Harry G. Wiesman  
**Address:** Billings, Montana

**Driller:** B & H Drilling  
**Address:** Richfield, Montana

**Date of Notice of Appropriation of Groundwater:** 10/20/71  
**Date well started:** 10/20/71  
**Date completed:** 10/26/71

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

**Water use:** Domestic □  
**Municipal □**  
**Stock □**  
**Irrigation □**  
**Industial □**  
**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 (Feet)</th>
<th>Feet</th>
<th>To Feet</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 inch 6 5/8</td>
<td>8.5/18</td>
<td>10</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>6 inch 6 5/8</td>
<td>7.97</td>
<td>20</td>
<td>41</td>
<td>1/8 inch</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well  
**18 feet.**

Shut-in Pressure for Flowing Well  
**52 feet**

Pumping Water Level  
at  
**40 gal. per minute.**

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

**How Tested:** 
**Pressure test**

Length of Test  
**2 hrs**

**Remarks:** Gravel packing, cementing, packers, type of shutoff  
**Connected 20 ft back to 7 ft between 6 and 8 inch casings**

**Connected around 8 inch below**

(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).

**Well is for Summer use on Rock Creek.**

---

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

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

---

**Driller's License Number:**  
**Driller’s Signature:** Paul L. Haugen

4.94.39
COUNTY OF CANONIZ
Office of the County Clerk & Recorder
I hereby certify that the within
Innportation
was filed
for record in my office this 19th day
of November A.D. 1921
at 11:15 o'clock A.M.

Attest my hand and the seal of
said County
FRANK DAVIES, COUNTY CLERK
\(\text{Sec. of Recorder}\)
\(\text{Sec. of Recorder}\)
\(\text{Sec. of Recorder}\)

Fees $ 2.00
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater...1936
Yellowstone Bighorn Research Assoc., Inc.
Owner(s)/James B. Hroby, Trustee, Red Lodge, Montana

Contractor (if any) none
Address of Contractor none

Date Started...1936... Date Completed...1936

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes": Include depth to
water when applicable. A small cement tank or reservoir was
built-under-spring #1 and from this the water runs by
gravity-flow into a storage tank. When necessary to
supplement the first-spring water is pumped from the
other two into the tank.

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. Spring #1 &
spring #3 produce approximately 20,000 gal. daily and
spring #2 about 10,000. The amount has been measured
by the amount of time required to fill the storage tank.
The water is used from June 1 through Sept 15, each year.

Signature of Owner

Date

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, COUNTY OF CARBON SS.
Office of the County Clerk & Recorder
I hereby certify that the within
Notice filed was filed
for record in my office this 11 day
of Dec. A.D. 1962
at 11:10 o'clock A.M.

Attest my hand and the seal of
said County
FRANK DANTCHEK, COUNTY CLERK

Clk. and Recorder
By: A. B. Byers

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

1. Piney Dell Inc of 5 miles S and 1/2 miles E of county of Carbon

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 Irrigation

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

   Continuous since June 1, 1959

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

   100 gal. per minute

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

   20 Acres surrounding Piney Dell Inc

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

   Submersible Pump + Jet Pump

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

   May 1, 1960 - June 1, 1959

8. The depth of water table

   8'

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 25 feet deep 10" casing
   One well 35 feet deep 10" casing

10. The estimated amount of groundwater withdrawn each year

    120,000,000 gallons

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

    None for 25' well
    Granite & Sandhill

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

   Date: Dec. 31, 1963
   Signature of Owner: 

   STATE OF MONTANA, ) County of Carbon ss.

   Having first been duly sworn, depose and say that he is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, and he, the appropriator and claimant, that he know the contents of said foregoing recite and that the matters and things therein stated are true.

   Subscribed and sworn to before me, this day of , 19

   Notary Public for the State of Montana.
   Residing at
   My Commission expires
STATE OF NEVADA.
COUNTY OF CARSON SS.
Office of the County Clerk & Recorder
I hereby certify that the within
Appraiseration was filed
for record in my office this 31st day
of ____________ 19__ at 2:37 o'clock P.M.
Attorn by hand and the seal of
said County FRANK DANCHUK, COUNTY CLERK

ANCE C. DUNN, Recorder

Foot $2.00
File No. 837

JAN 26 1959 STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Vernon Sale, of Red Lodge, County of Carbon
   have appropriated groundwater according to the Montana laws in
   effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based
      House Hold Supply

   3. Date or approximate date of earliest beneficial
      use; and how continuous the use has been 1935
      Continual 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

   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 1935

   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

Date Dec 31-65

Signature of Owner Vernon Sale

STATE OF MONTANA, ) County of Carbon) ss.

Having first been duly sworn, depose and say that


Subscribed and sworn to before me, this day of , 1965

Notary Public for the State of Montana.
Residing at
My Commission expires

4/3/69
In the Name of... 

UNITED STATES 

I, the undersigned County Clerk of the County Clerk & Recorder, hereby certify that the within Appropriation was filed in record in my office this 31st day of Dec., A.D. 1963 in the sum of $515.60 o'clock P.M. 

Attached my hand and the seal of this County. 

FRANK DANCHEK, COUNTY CLerk 

Chief and Recorder 

FRANK DANCHEK, COUNTY CLrk.
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 6, 1923
Owner: Vena M. Sales
Address: Broadhead Mnt
Contractor (if any): None
Address of Contractor: None
Date Started: 1923
Date Completed: 1923

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: Vena M. Sales
Date: Dec 31, 1963

Having first been duly sworn, depose and say that I, of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well am the person whose name subscribed thereto, as the appropriator and claimant, that I know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this day of , 19.

Notary Public for the State of Montana
Residing at
My Commission expires _______ 19_
STATE OF MONTANA
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

filed was filed

for record in my office the 21 day

of Dec., 19__

at ___ o'clock P.M.

Atest my hand and the seal of

said County

FRANK DANIELS, COUNTY CLERK

Clerk and Recorder

Fees $___

#788

159196
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

   (Name of Appropriator) (Address) (Town)
   County of Carbon, State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Aug 55 - Continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300 gal /min - 5 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: town only 6 acres

   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: Aug 55

   8. The depth of water table: 2 1/4 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: Family: 6,5 + lawn

   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:

   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.

   Date: 7-30-63

   Signature of Owner: E. G. Coute

   42.988
STATE OF MONTANA
COUNTY OF CARRON SS.
Office of the County Clerk & Recorder
I hereby certify that the within
Appropriation was filed
of my office this day
of
at 11:00 o'clock A.M.
Attest my hand and the seal of
said County

Clerk and Recorder

Deputy

Fee $2.00
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** 
U.S. Forest Service

**Address:** 
Red Lodge, Mont.

**Driller:** 
Harry McConnell

**Address:** 
Red Lodge, Mont.

Date of Notice of appropriation of groundwater: 
May 4, 1965

Date well started: 
May 21, 1965

Date completed: 
May 4, 1965

Type of well: 
Dug

Equipment used: 
Churn drill

Water use: 
Domestic

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 Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 x 800</td>
<td>40</td>
<td>34</td>
<td>39</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 
3 feet

Shut-in Pressure for Flowing Well:

Pumping Water Level: 
74 feet at 37 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: 
Pump

Length of Test: 
1 hour

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)

**Domestic (drinking water)**

Show exact depth of bottom.

---

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

Harry McConnell

Driller’s Signature

43, 805
STATE OF MONTANA
COUNTY OF CARBON
Office of the County Clerk & Recorder
I hereby certify that the within
[Signature]
for record in my office this 28th day
of May A.D. 1965
at 3:30 o'clock P.M.
Attest my hand and the seal of
said County
FRANK BANCHEK COUNTY CLERK
Clerk and Recorder

[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: L. S.resizing

Date of Notice of appropriation of groundwater: 

Date well started: April 27, 1965

Date completed: May 11, 1965

Type of well: Drilled

Equipment used: Churn drill

Water use: Domestic

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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 (Feet)</th>
<th>Size and Weight of Drilling Equipment (Churn drill)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>18</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 6 feet.

Shut-In Pressure for Flowing Well: 35 feet.

Pumping Water Level: 13 feet at 5.0 gal. per minute.

Discharge in gal. per min. of flowing well: 1130.

Remarks: (Gravel packing, cementing, packers, type of shuttle).

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

Show exact depth of bottom. (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).

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

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

Driller’s License Number

Driller’s Signature
STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

Water filing was filed

for record in my office this ___ day

of ___ A. D. 1965

at ___ o'clock ___ P. M.

Attest my hand and the seal of

said County.

FRANK DAVIS, COUNTY CLERK

Clerk and Recorder

Frank Davis, Deputy

Page 9
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. 1906
SMOKELESS & SHOTLESS COAL CO.
Owner: James H. Brophy.
Address: Bed Lodge, Montana.

Contractor (if any) none
Address of Contractor none

Date Started 1906 Date Completed 1906

Describe means of obtaining groundwater without a well by sub-irrigation and other natural processes. Include depth to water when applicable. Various springs flow into McCartney creek on this property. Spring #1 has been opened on the outcrop of the bed of coal with an average flow of about 13,000 gal. per da. Spring #2 flows under Bed #2. A cement tank has been built under the flow and the water is piped to our washing plant, bath house and houses. Spring #2 flows into a tank from which cattle may drink. Water flows into the mines, into the various beds worked, from fissures in the rock above the coal. Water is used intermittently to supplement water in the coal washing plant. At other times it flows down McCartney creek. Our use of the water is usually in the winter, spring & fall.

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

SW 1/4 SE 3/4; Sec. 36, T. 7, R. 20.

Date of Appropriation of Groundwater.

Date Started 1906 Date Completed 1906

Mine water development, intermittent from fissures in the various beds worked, from fissures in the rock above the coal. This water is either pumped out of the mine or flows out depending on the position of the open pit. 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. Spring #1 and various small springs above it on McCartney creek, 30,000 gal. estimated from additional flow in creek. Spring #2, 32,000 gal. per da. measured by amount of time it takes to fill our 25,000-gallon storage tank. Spring #2, 500 gal. estimated from flow into tank. Mine water in beds #2, 3, & 4, 40,000 gal. per da. estimated from the amounts pumped to keep working places dry. Water from spring #2 is used the year around; and the other springs from May 1 through October.

Mines water is used intermittently to supplement water in the coal washing plant.

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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, COUNTY OF CARBON SS.
Office of the County Clerk & Recorder
I hereby certify that the within
Water filing was filed for record in my office this 19 day
of Nov. A.D. 1962 at 11:15 o'clock A.M.

Attest my hand and the seal of said County
FRANK DANICHEK, COUNTY CLERK
Clerk and Recorder
by: JERRY J. ZUPAN, Deputy

[Handwritten date: 2/24/62]
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: John Havrid
Address: Billings, Montana

Driller: Black Drilling
Address: Publicity Montana

Date of Notice of appropriation of groundwater
9/29/69

Date well started...9/29/69 Date completed...9/29/69

Type of well: Drilled Equipment used: Church Drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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

Doc. No. 177812
Filed for record 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 Core</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>64</td>
<td>2+</td>
<td>30</td>
</tr>
</tbody>
</table>

Perforations:

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 x 6</td>
<td>26</td>
<td>39</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 9.76 feet.

Shut-in Pressure for Flowing Well 15 feet

Pumping Water Level at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Daily

Length of Test: 20 sec.

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

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

(Continue on reverse side)

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

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

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

County of Carbon

Office of the County Clerk & Recorder

I hereby certify that the within

application was filed

for record in my office this 20th day

of June, A.D. 1970

at 9:57 a.m.

Attest my hand and the seal of

said County

Frank Davis

Clerk and Recorder

Form 8

Deputy
Form No. 18
8-60

Montana Bureau of Mines and Geology
Butte, Montana

Water Well Log

STATE ENGINEER

Owner: BERNARD OOTIS
Address: Washoe, Montana
Driller: R. O. Toland
Address: Belfry, Montana
Date Started: Sept. 25, 1961
Date Completed: Sept. 28, 1961
Location: Sec. T. R. S. sec.

<table>
<thead>
<tr>
<th>Type of well drilled</th>
<th>Equipment used</th>
<th>Cable tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn, drill, rotary, other)</td>
<td></td>
</tr>
</tbody>
</table>

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

Casing: 0 ft. to 32 ft. 6" ft. Type Seamless Steel Size 6"
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

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

Type of screen or perforations

Static water level, for non-flowing well: Water stands at 12' feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (psi)
Pumping water level feet at gal. per min. 15 gal

How tested: Bailed at 15 gal. per minute

Length of test 1 hr.

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

Water was at 35 ft.

(over)
Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 20</td>
</tr>
<tr>
<td>20</td>
<td>32</td>
</tr>
<tr>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>41</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>----------------------</td>
</tr>
<tr>
<td>5</td>
<td>Joe and Sylvia Boone</td>
</tr>
</tbody>
</table>

**Owner:** Joe and Sylvia Boone  
**Address:** Bear Creek, Montana  
**Driller:** G. L. Keithlar  
**Address:** Billings, Montana  
**Date Started:** May 1, 1957  
**Date Completed:** June 3, 1957  
**Location:** Sec. 5, T. Bear Creek, R.1/E, 4 sec.

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

**Water use:**  
- Domestic [X]  
- Municipal [ ]  
- Stock [ ]  
- Irrigation [ ]  
- Industrial [ ]  
- Drainage [ ]  
- Other: For household use only [ ]

**Casing:**  
- **4 ft. to 10 ft.**  
- **Type:** Galvanized  
- **Size:** 6 inches

**Lowest Completion:**  
- **3 ft. to 140 ft.**  
- **Type:** Galvanized  
- **Size:** 5 inches

**Perforated or Screened:**  
- **140 ft. to 21 ft.**  
- **Type:** Galvanized  
- **Size:** 3 inches

**Perforated or Screened:**  
- **21 ft. to**  
- **Type:** Perforated

**Type of screen or perforations:** Perforated by machine at factory

**Static Water level, for non-flowing well:** Well 150 feet deep to bottom. Water up 115 feet, 85 feet.

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Pressure at</th>
<th>Pumping water level</th>
<th>Submersible Pump</th>
<th>feet</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Submersible Pump</td>
<td>140</td>
<td>10</td>
</tr>
</tbody>
</table>

**How tested:** The pump was run 30 minutes, stopped pumping 2 hours and pumped 25 minutes.

**Length of test:** Measured water flow into barrels.

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

**138 Shut-off automatic. Above submersible Pump.** (REDAMPUMP)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mostly hard clay and part sand and gravel.</td>
</tr>
<tr>
<td>38</td>
<td>Slate and coal deposit.</td>
</tr>
<tr>
<td>60</td>
<td>Slate and limestone.</td>
</tr>
<tr>
<td>120</td>
<td>Coal slate and limestone</td>
</tr>
<tr>
<td>140</td>
<td>Coal seam about 10 feet thick.</td>
</tr>
<tr>
<td>#</td>
<td>Name of Appraiser</td>
</tr>
<tr>
<td>---</td>
<td>-------------------</td>
</tr>
<tr>
<td>1</td>
<td>Alfred H. Kneip</td>
</tr>
<tr>
<td>2</td>
<td>Alfred H. Kneip</td>
</tr>
<tr>
<td>3</td>
<td>Alfred H. Kneip</td>
</tr>
<tr>
<td>4</td>
<td>Alfred H. Kneip</td>
</tr>
<tr>
<td>5</td>
<td>Alfred H. Kneip</td>
</tr>
<tr>
<td>6</td>
<td>Alfred H. Kneip</td>
</tr>
<tr>
<td>7</td>
<td>Thad Wolfe</td>
</tr>
<tr>
<td>8</td>
<td>Thad Wolfe</td>
</tr>
<tr>
<td>9</td>
<td>Thad Wolfe</td>
</tr>
<tr>
<td>10</td>
<td>Thad Wolfe</td>
</tr>
<tr>
<td>11</td>
<td>Thad Wolfe</td>
</tr>
<tr>
<td>12</td>
<td>Davis A. A. Davis</td>
</tr>
<tr>
<td>13</td>
<td>Davis A. A. Davis</td>
</tr>
<tr>
<td>14</td>
<td>Davis A. A. Davis</td>
</tr>
<tr>
<td>15</td>
<td>Davis A. A. Davis</td>
</tr>
<tr>
<td>16</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>17</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>18</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>19</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>20</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>21</td>
<td>Harry C. Read</td>
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<tr>
<td>22</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>23</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>24</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>25</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>26</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>27</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>28</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>29</td>
<td>Harry C. Read</td>
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<td>30</td>
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<td>31</td>
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<tr>
<td>32</td>
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<td>33</td>
<td>Harry C. Read</td>
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<tr>
<td>34</td>
<td>Harry C. Read</td>
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<tr>
<td>35</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>36</td>
<td>Harry C. Read</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>15</td>
<td>Carrington, Jennie</td>
</tr>
<tr>
<td>15</td>
<td>Carrington, Leon, Eliphez</td>
</tr>
<tr>
<td>15</td>
<td>Coon, R. Charles</td>
</tr>
<tr>
<td>15</td>
<td>Church of Jesus Christ</td>
</tr>
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<td>15</td>
<td>Benjamin, W. Charles</td>
</tr>
<tr>
<td>15</td>
<td>Carrington, Jennie</td>
</tr>
<tr>
<td>15</td>
<td>Elementary School District No. 3</td>
</tr>
<tr>
<td>15</td>
<td>Jackson, Ralph</td>
</tr>
<tr>
<td>15</td>
<td>Martin, Jack</td>
</tr>
<tr>
<td>15</td>
<td>Hennigan, Polly</td>
</tr>
<tr>
<td>15</td>
<td>Carrigan, Leon, Eliphez</td>
</tr>
<tr>
<td>21</td>
<td>U.S. Dept. Agriculture, Management</td>
</tr>
<tr>
<td>22</td>
<td>Smith, D. Delman</td>
</tr>
<tr>
<td>26</td>
<td>Shuster, D. Delman</td>
</tr>
<tr>
<td>27</td>
<td>Appenzeller, Charlotte</td>
</tr>
<tr>
<td>27</td>
<td>Christians, H. Mott, J.</td>
</tr>
<tr>
<td>33</td>
<td>Kegnawa, Danie</td>
</tr>
<tr>
<td>34</td>
<td>Dalton, Dave</td>
</tr>
<tr>
<td>34</td>
<td>Rogers, D. Clifford</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 337, Montana Session Laws, 1961)

1. Monte J. Staffan, of Mt. I. Bridger
   (Name of Appropriator) (Address) (Town)

   County of Carbon, 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. **Stock water.**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **1913 (1) Continuously since drilling until 1918, then occasionally.**

4. The amount of groundwater claimed (in miner’s inches or gallons per minute). **5-10 gallon per minute.**

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

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

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

8. The depth of water table. **35 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. **Giff. Deep.**

10. The estimated amount of groundwater withdrawn each year. **20,000 Gallons.**

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. **Monte J. Staffan**

Date. **12/30/63**

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. **43715**
STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

[Signature]
[Name]

was filed
for record in my office this 20 day
of 1969, at 12:15 o'clock P.M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK

[Signature]
[Name]

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

Monte J. Steffen
(Name of Appropriator)

County of Carbon
State of Montana

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

1. Household and stock water

2. The beneficial use on which the claim is based, and how continuously the use has been
Continually since drilling,

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5-10 gallons per minute

5. If used for irrigation, give the acres 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, 200 ft. apart

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: 35 ft.

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

10. The estimated amount of groundwater withdrawn each year: 150,000 gallons

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: Monte J. Steffen
Date: 12/30/63

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriorator.
STATE OF PENNSYLVANIA
COUNTY OF CARBON SS.
Office of the County Clerk & Recorder

I hereby certify that the within

[Signature]

was filed
for record in my office the ___ day
of ___ A.D. 19___
at ___ o'clock ___ M.

Attested my hand and the seal of
said County

FRANK DANCEK, COUNTY CLERK

[Signature]

Fees $______
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963

(Notice of completion of groundwater appropriation by means of well)

Date of Notice of Appropriation of Groundwater: 4/27/67

Date of Notice of Appropriation of Groundwater: 5/4/67

Type of Well: Bored

Equipment Used: Churn drill

Water Use: Municipal

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 Drill</th>
<th>Depth</th>
<th>Kind of Casing</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>6 3/4</td>
<td>14</td>
<td>50</td>
<td>49</td>
</tr>
</tbody>
</table>

Static Water Level for Non-Flowing Well: 40 feet

Shut-in Pressure for Flowing Well: 50 feet

Pumping Water Level: 25 feet

Discharge in gal. per min. of flowing well: 40 gal.

How Tested: Balance

Length of Test: 0 hr.

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

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 and Recorder in the county in which the well is located, unsigned 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: 1157

Driller's Signature: Fred L. Johnson

4/36/38
STATE OF MONTANA
COUNTY OF CARBON
Office of the County Clerk & Recorder

I hereby certify that the within

Water P. Eng.
was filed
for record in my office this 23rd day
of May 1967
at 1:35 o'clock P.M.

Attends my hand and the seal of said County.

FRANK RAPP, COUNTY CLERK & Recorder

[Signature]

[Date] 5-23-67
Declaration of Vested Groundwater Rights

Alfred W. and Marion E. Rude

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 and household use

2. Date or approximate date of earliest beneficial use: 1896 - continuous

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 15,000 gal. per day

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

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: 1896

8. The depth of water table: 63 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: Electric deep - 6" casing

10. The estimated amount of groundwater withdrawn each year: 950,000 gal.

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

Date: 12/31/63

Signature of Owner: Alfred W. Rude

I, Alfred W. Rude, of lawful age and of the State of Montana, having first been duly sworn, do hereby declare that the undersigned is the appropriator and claimant of the water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed hereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this day of , 19

Notary Public for the State of Montana.
STATE OF MO.
COUNTY OF CARLISLE
Office of the County Clerk & Recorder
I hereby certify that the within
Appropriation was filed
for record in my office this 31 day
of Dec., A.D. 1963
at 1:55 o'clock P.M.

Attest my hand and the seal of
said County
FRANK DAVIES, COUNTY CLERK

By
Deputy

Page 5
2.00
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

State of Montana
Office of State Engineer

Rudolph Hergesheimer
of Bridge

County of Carbon
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 miners inches or gallons per minute)

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

I hereby certify that the within

water filing

was filed

for record in my office this 26th day
of Nov., A.D. 1963

at 1:35 o'clock P.M.

Above my hand and the seal of
said County

FRANK DANIELEK, COUNTY CLERK

Clerk and Recorder

By: Tony A. Juran, Deputy

Even 8, 700 pl.
STATE OF MONTANA

ARMINSTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriator: Alfred and John Hengesbaker
(Address): 2702 E. 21st St., Great Falls, MT
(Town): Great Falls
County of: Cascade
State of: Montana

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

1. Name of Appropriator: Alfred and John Hengesbaker
2. The beneficial use on which the claim is based: Farmfield and Livestock
3. Date and approximate date of earliest beneficial use: 1942
4. Type of water and quantity: Groundwater, 200 gpd per day
5. If used for irrigation, the area of land 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:
   Pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1942
8. The depth of water table: 40 ft
9. The general specifications of any other works for the withdrawal of groundwater:
   40 ft. deep, 6 in. diameter, centrifugal pump
10. The estimated amount of groundwater withdrawn each year: 1,350,000 gpd
11. The log of formations encountered in the drilling of each well if available:
   More 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: Alfred Hengesbaker
Date: 12/11/63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

Water Affidavit

was signed

for record in my office this 11

day

of August 1963

at 3:10 o'clock P.M.

Attest my hand and the seal of

said County

FRANK AMIELK
Clerk and Recorder

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. Nick Wolfe
   (Name of Appropiatee)
   Bridger
   (Address)
   (Town)
   County of Carbon
   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 Stocks

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Started using December 29, 1945

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gal. per minute

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started drilling Dec. 29, 1945

   8. The depth of water table: 93 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: 5 in. casing 93 ft. deep

   10. The estimated amount of groundwater withdrawn each year: 80,000 gal.

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

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

   Signature of Owner: Nick Wolfe
   Date: Dec. 6, 1960

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 Appropiatee.
STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

Water Appr. [illegible] was filed
for record in my office the 13th day
of December, A.D. 1962
at 10:30 o'clock A.M.

Attest my hand and the seal of
said County:

FRANK DANCHEK, COUNTY CLERK

[illegible]

[illegible]

FRANK D. YOUNG, Deputy

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

1. Herman & Clarie Ungafug of HD, Bridger
   (Name of Appropriator) (Address) (Town)

   County of Carbon State of Montana

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

   2. The beneficial use on which the claim is based House & Livestock (Well)

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 Daily

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 85 gals per sq. acre

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation

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

   Pr. Assure pump SE corner of SE 8 sec 3 T 6 R 23 S

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910

   8. The depth of water table 35 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 65 feet deep with 6 inch casing

   10. The estimated amount of groundwater withdrawn each year 64,000

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

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

   Signature of Owner Herman Ungafug

   Date Dec. 10, 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,
COUNTY OF CARBON SS.
Office of the County Clerk & Recorder
I hereby certify that the within
Water Filing was filed
for record in my office this 10 day
of Dec., A.D. 1963
at 2:05 o'clock P.M.

Attest my hand and the seal of
said County
FRANK DOMINO

By

RECORD
Book 8 Page 1
Notice of Completion of Groundwater Appropriation by Means of Well

STATE WATER CONSERVATION BOARD
ADMINISTRATOR OF GROUNDWATER CODE

STATE OF MONTANA

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

[Owner: HENRY Ochs, Address: Bridgeport, Mont.]

Top of Ground Water: 0-1 Top Sail (Elev. above sea level 3,900 ft.)

Date of Notice of appropriation of groundwater: 12-16-70

Date well started: 12-16-70

Date completed: 12-17-70

Type of well: Drilled

Equipment used: Churn drill

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inches</td>
<td>6/79</td>
<td>14</td>
<td>33</td>
<td>3/4 No. Tack</td>
<td>27</td>
<td>32</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 14 feet.

Shut-in Pressure for flowing well: 25 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Balanced

Length of Test: 2 hours

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

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).

Stock well to be used for water for cattle

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

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

Driller's License Number: No. 27

Driller's Signature: Paul R. Hargen

File No.: 180709

Filed for record this 16 day of February, A.D. 1970, at 4 o'clock __ M.
180709

STATE OF MICHIGAN,
COUNTY OF CARDOON \SS.

Office of the County Clerk & Recorder.

I hereby certify that the within

Appraisement, was filed

for record in my office this 10th day

of February A.D. 1921

at 11:00 o'clock A.M.

Attest: my hand and the seal of

said County:

FRANK DANIELS, COUNTY CLERK

By: Alice L. Brown

Filing: 2-5-21
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 231, Montana Session Laws, 1961)

Lawrence D. Fore Wolfe  
Address: Belt, Mont.

Driller: Address:

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

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

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

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>6”</td>
<td>6”</td>
<td>45’</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well ____________________________ feet.
Shut-in Pressure for Flowing Well ____________________________
Pumping Water Level: feet at: ____________________________ gal. per minute.
Discharge in gal. per min. of flowing well: ____________________________ gal.
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 used for irrigation) ____________________________

N. W. Sec. 11 T. 8 R. 22  
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA,
COUNTY OF CARBON SS.
Ujsde of the County Clerk & Recorder
I hereby certify that the within
Appropriation was filed
for favor in my office this 30 day
of Dec 1965
at 3:15 o'clock P.M.

Attest my hand and the seal of

Clark Danielik
Clerk and Recorder

By:
Deputy
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**1.** Gandy and Mildred Van Soest of Belfry
   - (Name of Appropriator)
   - (Address)
   - (Town)
   - County of Carbon
   - 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 on **household use, lawn and 1 acre garden, and cattle**.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Before 1932 and use has been continuous since then**.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **30 gallons per minute**.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Electrical submersible pump located on the Northwest corner of the house**.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Before 1932**.

8. The depth of water table **at 30 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 **7' casing, 100 ft. depth**.

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

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

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

**Signature of Owner:** [Signature]

**Date:** December 15, 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.

**File No.: 278**

**County:** Carbon

**T & R:** 22

**State of Montana, Office of State Engineer:**

**JAN 36 1962**

**Administrator of Groundwater Code**
STATE OF MONTANA.
COUNTY OF CARBON
S.S.
Office of the County Clerk & Recorder.

I hereby certify that the above

Water App. 2 was filed
for record in
my office this 16th day
of
ABIN
A.D. 1963
at 11:30 a.m.

Attorney's hand and the seal of
said County
FRANK DAINCHEK, COUNTY CLERK
Clerk and Recorder

Fees $3
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 26 1958

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

1. Katherine F. & Solomon Wegner
   (Name of Appropriator)
   Rural Route
   Belkry
   (Address)
   (Town)
   County of Carbon
   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 on domestic and livestock use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. About 1940 and use has been continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons/minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electrical pump located on Southeast corner of house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Summer of 1940 and completed same year.

8. The depth of water table 15 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. 1st well casing 25 1/4 depth

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

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

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

Signature of Owner

Date: December 30, 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.
COUNTY OF CARBON

I hereby certify that the said

[Signature]

for record in my office this 30th in
of

A.D. 1963

at 1:35 o'clock P.M.

Attest my hand and the seal of

[Signature]

Clerk and Recorder

By

[Signature]

[Date]
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

DECLARATION OF VESTED GROUNDWATER RIGHTS

OFFICE OF STATE ENGINEER

(UNDER CHAPTER 225, MONTANA SESSION LAWS, 1961)

Gerald E. Spaulding

County of Carlton

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: Domestic

2. Date or approximate date of earliest beneficial use: 1907

3. How continuous the use has been: Perstick

4. The amount of groundwater claimed: 500 gallons per day

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

6. The means of withdrawing 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 means of withdrawal: 1907

8. The depth of water table: 35 ft.

9. So far as it may be available, the type, size and depth of each well or the general specification of any other works: In casing: Depth of well 65 ft.

10. The estimated amount of groundwater withdrawn each year: 1,825,000 cu. yr.

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

Date: 1/3/52

Three copies to be filed 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 Quadriciplate for the Approporator.
Office of the County Clerk & Recorder

I hereby certify that the within Appraisement was filed for record in my office this 29th day of Dec. A.D. 1963 at 4:40 o'clock P.M.

Attest my hand and the seal of

Fred Dornbliek
Clerk and Recorder

#498 159178
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Hugh R. & Rhoda J. BARTH
   (Name of Appropriate)
   County of: Glacier
   State of: Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Square</th>
<th>Use</th>
<th>Date</th>
<th>Acreage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The material use on which the claim is based: Household, none sprinkling

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Dug well about 1896 and Drilled well 1911

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Dug well 1,000 gals per day Drilled well 500 gals per day

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not for irrigation - Some sprinkling

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

7. The date of commencement and completion of the construction of said well, wells, or other works for withdrawal of groundwater: 1896 & 1911

8. The depth of water table: Dug well 35 feet Drilled well 60 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: Dug well five feet diameter 35 feet deep Drilled well eight inch casing 60 feet deep

10. The estimated amount of groundwater withdrawn each year: 550,000 gals

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

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

   Signature of Owner: [Signature]
   Date: December 20, 1953

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

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

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

Office of the County Clerk & Recorder

I hereby certify that the within

petition was filed

for record in my office this 23 day

of December, A.D. 1963

at 10:00 o'clock A.M.

Attest my hand and the seal of

said County

FRANK DANICHEN, COUNTY CLERK

Clerk and Recorder

By:

Deputy

Note: 2 cm