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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County of Golden Valley

Declaration of Vested Groundwater Rights

Name of Appropriator: Henry H. Seitz
Address: Proprietary

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 of livestock.
2. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1922. Used continuously to 1955. Used intermittently since.
3. The amount of groundwater claimed (in miner’s inches or gallons per minute): 1 gal. per minute.
4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump, tank, and engine.
6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: About 1922.
7. The depth of water table: 50 ft.
8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 in. dia. drilled to depth of 210 ft.
9. The estimated amount of groundwater withdrawn each year: 5,000 gals.
10. The log of formations encountered in the drilling of each well if available: Not available.
11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner: Henry H. Seitz
Date: December 28, 1963

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

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

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

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

1. Henry B. Setts
   (Name of Appropriator)
   of Broadview
   (Address) (Town)

   County of Golden Valley
   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: Watering of livestock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1963

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 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: Submersible pumps

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1915

   8. The depth of water table: 60 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: 6 in. drilled to depth of 250 ft.

   10. The estimated amount of groundwater withdrawn each year: 35000 gals. per 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: Henry B. Setts
   Date: December 26, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Missouri,
Golden Valley County,

Filed this ______ day of
December A. D. 1963
at 1:43 o'clock P.M.

Elizabeth M. Jansen
County Recorder.

[Signature]

Dec 22nd
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 M. Suits
   (Name of Appropriator)
   of
   (Address)
   of
   (Town)
   County of Golden Valley
   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, livestock and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1915, used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gpm, 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 ac., lawn and garden; Margaret Suits.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1965, pump installed in 1965.

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: 6 in. dia.; drilled to depth of 105 ft.

10. The estimated amount of groundwater withdrawn each year: 200,000 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: Henry M. Suits
Date: December 28, 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.
Gallatin Valley County,

Filed the 30th day of Dec. A.D. 1968.

At 11:58 o'clock P.M.

Elizabeth M. Livingford
County Recorder

Janice D. Martin

sex 21 yrs. old
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 H. Scotts

(Name of Appropriator)

of

Broadview

(Address)

County of Golden Valley

(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: Grazing of livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945. Used for approximately 6 months of each year since date shown

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 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: 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: W Linville and engine and pump jack

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

8. The depth of water table: 40 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. dia., drilled to depth of 550 ft

10. The estimated amount of groundwater withdrawn each year: 250,000 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: Henry H. Scotts
Date: December 23, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
It is the 3rd day of the month of December, A.D. 1873.

Elizabeth M. Isomburger
County Recorder

J. J. McCutcheon
Deputy

Dec. 20th
# GROUNDWATER INDEX

## County: Golden Valley

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Krause, Carl</td>
<td>GW3</td>
<td>54110</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Krause, Walter</td>
<td>GW4</td>
<td>53614</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Krause, Carl</td>
<td>GW4</td>
<td>54112</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Krause, Walter</td>
<td>GW2</td>
<td>55685</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Knobel, Guy</td>
<td>GW2</td>
<td>57412</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>53669</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Olmstead, Russell</td>
<td>GW4</td>
<td>53708</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>53669</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Strong, Ernie</td>
<td>GW3</td>
<td>53661</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Strong, William</td>
<td>GW3</td>
<td>53662</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>53663</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>53663</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>53663</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>53660</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Knobel, Guy</td>
<td>GW3</td>
<td>55687</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Olmstead, Russell</td>
<td>GW3</td>
<td>53777</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>53669</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Marley, Howard cattle</td>
<td>GW2</td>
<td>54127</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Knobel, Guy</td>
<td>GW3</td>
<td>53695</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Spradell, William</td>
<td>GW3</td>
<td>53664</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>53655</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Summer, Gordon</td>
<td>GW4</td>
<td>53870</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation—Without Well

(Under Chapter 287 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1912
Owner: Carl Krause
Address: Lavina, Montana
Contractor (if any):
Address of Contractor: Ryegate, Montana
Date Started: Sept. 15, 1961
Date Completed: Sept. 15, 1961

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

Natural Springs
Dug Well
Surface Springs

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.

Springs—1000 gal/day
Springs—500 gal/day

Signature of Owner:
Date: 8-11-67

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.
54110

 Filed "B"
 No. 1157

 Indexed By

 State of Montana,
 Golden Valley County,

Filed this 17 day of
 March A.D. 1924,
as 11:15 o'clock A.M.

 Elizabeth M. Longinig
 County Recorder.

 Alice C. Maciejewicz
 Deputy.

"02" pd
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

Walter R. Hansen

County of

State of

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: Ranching.

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

4. The amount of groundwater claimed (in inches or gallons per minute): 30 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: Jet pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1951 - Aug.

8. The depth of water table: 110.

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: Walter G. Co., Custer, 110 feet.

10. The estimated amount of groundwater withdrawn each year: 20,000 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: Walter R. Hansen

Date: Dec 9, 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.
Golden Valley County,

Filed this ______________ day of
December A.D. __________
at ______________ o'clock P.M.

Elizabeth M. Sargeant
County Recorder.

N argc L. Martens
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

Carl Krause,  
of,  
County of Golden Valley  
State of Montana

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

1. Name of Appropriator: Carl Krause  
   Address: Lavina  
   Town:  
   County: Golden Valley  
   State: Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1871 - 4
   1871 - 9

4. The amount of groundwater claimed, (in miner's inches or gallons per minute): 4 - 18 gpm
   4 - 8 gpm

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 41 - Pressure Pump
   42 - Pump Jack & Riff

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   41 - June, 1914
   42 - June, 1932

8. The depth of water table: 150

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:
   40' wells 188 deep, casing 6" casing

10. The estimated amount of groundwater withdrawn each year:

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: None

Signature of Owner:  
Executive Estate of &/s Krause, deceased

Date: 3-6-44

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,
Golden Valley County,
Filed this __________ day of
March __________ A.D. 1964
at __________ o'clock __________ P.M.

Elizabeth McInerney
County 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: Walter H. Bruce  Address: Bayview, Mont.
Driller: L. F. Ferguson  Address: Seelew, Mont.

Date of Notice of appropriation of groundwater: __________ Date well started: 10-3-66  Date completed: 10-2-66

Type of well: Drilled  Equipment used: Chum
(Dug, Driven, bored or drilled) (Chum drill, 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Diameter of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 in. 64/000</td>
<td>1 in.</td>
<td>78</td>
<td>78</td>
</tr>
<tr>
<td>8 in. 64/000</td>
<td>1 in.</td>
<td>58</td>
<td>58</td>
</tr>
<tr>
<td>8 in. 64/000</td>
<td>1 in.</td>
<td>0</td>
<td>100</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 shutter)

(N.C. -- See 1 T. 5 R.)

N  
E  
S  
W

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 (ie: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by driller with the County Clerk and Recorder in the county in which the well is located. Retain 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: 41538

Driller's Signature: [Signature]

File No.: __________

County: __________

State Water Conservation Board

OCT 21, 1966
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1962)

Owner: Guy Knopel  
Address: 103 Drilling Sils Creek, Gillette, WY  
Driller: Roy Sender  
Address: 130 Avis D, Butte, MT

Date of Notice of Appropriation of Groundwater: 7/10/69
Date Completed: 7/10/69

Type of Well: Drilled  
Equipment Used: CABLE

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>174 6/8</td>
<td>0</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/2^</td>
<td>0</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/6^</td>
<td>0</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/6</td>
<td>0</td>
<td>150</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 114 feet.

Shut-In Pressure for flowing Well: 200 feet at 2 gal. per minute.

Discharge in gal. per min. of flowing well: 6 HRS.

How Tested: BAILEY  
Length of Test: 6 HRS.

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

Gravel Pack: From 34 to 200 ft. ref. Hull.  
Packed up a trace of water at 122 ft.

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.

15/78
Recently a copy of a groundwater appropriation form, __

GW 1, Notice of Appropriation of Groundwater

GW 2, Notice of Completion of Groundwater Appropriation by means of Well

GW 3, Notice of Completion of Groundwater Appropriation without Well

GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

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

This form is identified by:

Driller: Roy Senger  Address: Billings, Montana

Location: T. 5N., R. 23E., Sec. 7  Document No.: 57412

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

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

Owner's name and signature needed.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.
State of Montana  
Office of State Engineer  

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

Owner: John Doe  
Address: 123 Main St.

Date of Notice of Appropriation of Groundwater: 2/10/69  
Date Completed: 7/11/69  
Type of well: Drilled  
Equipment Used: Cable  
(Churn, drill, rotary or other)

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>Date of Notice</th>
<th>Date Completed</th>
<th>Type of well</th>
<th>Equipment Used</th>
<th>Water Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/10/69</td>
<td>7/11/69</td>
<td>Drilled</td>
<td>Cable</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 117.5 feet  
Shut-in Pressure for flowing well: 119.2 psi  
Pumping Water Level: 119.2 psi  
Discharge in gal. per min. of flowing well: 119.2 gal. per minute  
Flow Test: 119.2 feet  
Length of Test: 119.2 feet

Remarks: Drilled well, tested, packed, etc. for use of groundwater.

Driller's Signature: John Doe

The above information is subject to verification by the owner with the County Clerk and Recorder, and is available in the Records of the Office of the State Engineer, at the office where the application was filed.

Date of Notice: 2/10/69  
Date Completed: 7/11/69  
Type of well: Drilled  
Equipment Used: Cable  
(Churn, drill, rotary or other)
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: **Bart Knobel**  
Address: **4901 7th Ave. N.**

Driller: **Scott Jennings**  
Address: **901 E. 3rd St.**

Date of Notice of Appropriation of Groundwater: 7/1/69

Date well started: 7/10/69  
Date completed: 7/11/69

Type of well: **Drilled**  
Equipment Used: **Cable**

(dug, driven, bored or drilled)

Water Use:  
- Domestic [ ]  
- Municipal [ ]  
- Other [ ]  
- Irrigation [ ]

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

<table>
<thead>
<tr>
<th>Size of Screen</th>
<th>Size and Weight of Cutting</th>
<th>Depth (Ft)</th>
<th>To (Gpm)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 x 17</td>
<td>17 x 17</td>
<td>16</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>12 x 17</td>
<td>17 x 17</td>
<td>15</td>
<td>190</td>
<td>190</td>
</tr>
<tr>
<td>12 x 17</td>
<td>17 x 17</td>
<td>15</td>
<td>190</td>
<td>190</td>
</tr>
<tr>
<td>12 x 17</td>
<td>17 x 17</td>
<td>15</td>
<td>190</td>
<td>190</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 14 feet

Shut-in Pressure for flowing Well: 4.5 psig

Pumping Water Level: 32 feet at a rate of 5 gal. per minute.

Discharge in gal. per min. of flowing well: 6 gpm

How Tested: **Water at end of test**

Length of Test: **6 Hrs**

Remarks: (Gravel packed, cemented, packers, type of skin, 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)

- **Gravel packed**  
- **Cemented**  
- **Packers**  
- **Type of skin**

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

If any answer is not applicable, state, otherwise the form will be returned.

Orchard to the County Clerk and Recorder; the State to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology.

Driller's License Number: **27**

Driller's Signature: **Scott Jennings**

Date: 7/12/69
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: Purchased Ranch, '59
Owner: G.W. Hubbard
Address: Broadview
Contractor (if any)
Address of Contractor
Date Started
Date Completed

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring - Usable Year Around Except When Frozen
Over. Approx. 6 FT deep

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

Sw. 1/4 SE. 1/4 Sec. 17 T. 6 N. R. 23 E
Indicate point of appropriation and place of use, if possible.

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 Appropriaor.

23834
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Guy H. Knebel, of Broadview
(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:

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
</tr>
</thead>
</table>

5 1/2 S 1/2 Sec. 8 T 55 R 23
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

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

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

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

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

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

8. The depth of water table...

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

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

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

12. Such other information of a similar nature as may be useful in carrying out the purpose of this act, including reference to the land 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Russel O. crnsted
(Name of Appropriator) of Lavalette
(Address)
County of Golden Valley 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: Stock and Home Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1911 Permanent Use

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: None

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: [Date]

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: One Well, Casing: Well Depth [Depth]

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

11. The log of formations encountered in the drilling of each well if available: No Lagoon Maid

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: No Records

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

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of : South Dakota. 
Gold Valley County. 

Filed this 23 day of 
December A.D. 1963. 
at the place of the County Court. 

Elizabeth M. Jacobsen 
County Recorder. 

Vera A. Martin 
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: 7/15/1962
Owner: Russell Clumsted
Address: Havre, Mont.
Contractor (if any): Byron Carpenter
Address of Contractor: Bygate, Mont.
Date Started: 7/13/62 Date Completed: 7/15/63

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

Describe

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

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

Signature of Owner: Russell Clumsted
Date: Dec 26, 1963

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 Arkansas.

Golden Valley County.

Filed this... \[\text{redacted}\] day of

Oct... \[\text{redacted}\] 19\[\text{redacted}\]

at \[\text{redacted}\] o'clock \[\text{redacted}\].

Elizabeth M. Sapping;

County Recorder.

\[\text{redacted}\] Martinez.

\[\text{redacted}\] 922.
Mr. Russel Olsestved, Lewina, Montana
February 26, 1964

December 23, 1963

53709

from natural runoff.
Form No. 18
8-60

Montana Bureau of Mines and Geology
Butte, Montana

Water Well Log

Owner: James Strong
Address: Lewistown, Mont.

Driller: Ray Brand
Address: Spencer

Date Started: 11-14-61
Date Completed: 11-20-61

Location: Sec. 8 T. 5 R. 23 E 1/4 sec. N E 1/4

Type of well: Drilled
Equipment used: Chain

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

Casing: 0 ft. to 100 ft. Type [ ] Size [ ]
Casing: 95 ft. to 100 ft. Type [ ] Size [ ]
Casing: 100 ft. to 105 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: (state)

Pumping water level: feet at gal. per min.

How tested: [ ] Bail tested

Length of test: [ ] hours

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

Water comes up to 15 ft. from top

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>Sandy loam</td>
</tr>
<tr>
<td>To 6</td>
<td>Yellow shale</td>
</tr>
<tr>
<td>From 5</td>
<td>Green grey shale</td>
</tr>
<tr>
<td>To 10</td>
<td>Brown shale</td>
</tr>
<tr>
<td>From 10</td>
<td>Sand rock</td>
</tr>
<tr>
<td>To 14</td>
<td>Blue shale</td>
</tr>
<tr>
<td>From 14</td>
<td>Green grey shale</td>
</tr>
<tr>
<td>To 19</td>
<td>Sand rock</td>
</tr>
<tr>
<td>From 19</td>
<td>Grey shale</td>
</tr>
<tr>
<td>To 24</td>
<td>Brown shale</td>
</tr>
<tr>
<td>From 24</td>
<td>Course sand, 39 ft. per min.</td>
</tr>
<tr>
<td>To 25</td>
<td>Very hard, grey rock</td>
</tr>
<tr>
<td>From 25</td>
<td>Course sand, Water, 15 gal per min.</td>
</tr>
<tr>
<td>To 78</td>
<td>Brown shale</td>
</tr>
<tr>
<td>From 78</td>
<td>Grey shale</td>
</tr>
<tr>
<td>To 84</td>
<td>Brown shale</td>
</tr>
<tr>
<td>From 84</td>
<td>Course sand, 39 ft. per min.</td>
</tr>
<tr>
<td>To 99</td>
<td>Very hard, grey rock</td>
</tr>
<tr>
<td>From 99</td>
<td>Course sand, Water, 15 gal per min.</td>
</tr>
<tr>
<td>To 101</td>
<td>Brown shale</td>
</tr>
<tr>
<td>From 101</td>
<td>Sand rock</td>
</tr>
<tr>
<td>To 108</td>
<td>Grey shale</td>
</tr>
<tr>
<td>From 108</td>
<td>Grey shale.</td>
</tr>
</tbody>
</table>
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
Prior to 1900
Owner
Wm. Spidel
Address
Boundup, Montana
Contractor (if any)
None
Address of Contractor
None
Date Started
None
Date Completed
None

Describe means of obtaining groundwater without a well "as by sub-surface and other natural processes". Include depth to water when applicable. Spring with dredged earth tank. Depth: Ground level—maintains level during dry weather.

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. 100 gallons per hour. Estimated by cattle consumption.

Signature of Owner

Date
December 16, 1963

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.

Origin: 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,

Golden Valley County,

Filed this 18 day of December, A.D. 1965.

at 1:15 o'clock P.M.

ELIZABETH M. MANNING
County Recorder

Vera L. Martin
Notice of Completion of Groundwater Appropriation

Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Prior to 1900

Owner: Wm. Spidel
Address: Roundup, Montana

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

Date Started: None
Date Completed: None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, boxed and piped into 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. 16 gallons per minute, measured from pipe outlet.

Continuous use.

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

Signature of Owner:

Date: December 16, 1963

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,  ss.
Golden Valley County,

Filed this ______ day of
December, A. D. 1962,
at ______ o'clock P.M.

Elizabeth M. Spritzy
County Recorder.

Vince L. Martin
Deputy.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Prior to 1900

Owner: Wm. Spidel, Lessee: Boundup, Montana
State of Montana, Owner
Contractor (if any): None
Address of Contractor: None
Date Started: None
Date Completed: None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, boxed and piped into 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. 40 gallons per hour, measured from pipe outlet. Continuous use.

Signature of Owner: 
State of Montana, Owner
Date: December 16, 1963

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 Minnesota, SS.

Golden Valley County, 

Filed the ______ day of
december, A.D. 1963, at _____ o'clock P.M.

Elizabeth M. Franklin
County Recorder

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... Prior to 1900

Owner... Wm. Spidel... Address... Boundup, Montana

Contractor (if any)... None

Address of Contractor... None

Date Started... None... Date Completed... None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring with dredged earth tank. Depth to water: one foot below ground level. Maintains level during dry weather.

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. 2 gallons per minute. Estimated by cattle consumption.

Signature of Owner... [Signature]

Date... December 16, 1963

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,
Golden Valley County
Filed this ___________ day of
December A.D. 1963,
at ___________ o'clock A.M.

County Recorder

Deed No. ___________
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: Prior to 1900

Owner: [Name]
Lease: [Name]
Address: Roundup, Montana
State of Montana, Owner

Contractor (if any): None

Address of Contractor: None

Date Started: None
Date Completed: None

Describe means of obtaining groundwater without a well—by sub-irrigation and other natural processes. Include depth to water when applicable. Spring with dredged earth tank. Depth to water: 3 feet below creek bed. Maintains level during dry weather.

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: 3 gallons per minute. Estimated by cattle consumption.

Signature of Owner: ____________________________

State of Montana, Owner
Date: December 16, 1963

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 Minnesota,  
Golden Valley County.  
Filed this __th day of  
December, A.D. 1963,  
at __ o'clock P.M.  

Elizabeth M. Trumbley  
County Recorder.  

Dwight L. Masterson  
Deputy.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1959)

Date of Appropriation of Groundwater: Purchased, March 59

Owner: H. Knudsen
Address: Broadview

Contractor (if any) 
Address of Contractor 
Date Started: Date Completed:

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

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

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

The 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 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,

Golden Valley County,

Filed the 21st day of Dec., A.D. 1963,
at 2:53 o'clock P.M.

Elizabeth M. Jorden
County Recorder

Ynes L. Masden
Deeds
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:  
Owner:  
Address:  
Contractor (if any):  
Address of Contractor:  
Date Started:  
Date Completed:  

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

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

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

Signature of Owner:  
Date:  

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

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 to the Appropriator.
State of Montana,

Golden Valley County.

Filed this 10th day of January, 1963, at 10 o'clock A.M.

Elizabeth M. Vogt
County Recorder

Anna L. Martin
Deputy

for 25¢ fee.
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...No Date...
Owner/Address...Owner's Address, Helena, Montana...
Contractor (if any).......
Address of Contractor.......
Date Started...No Date....Date Completed.......

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

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

Signature of Owner...

Date...

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
State of Montana
Golden Valley County
Filed this 23, day of Dec., A.D. 1952
at 4:15 o'clock P.M.

Elizabeth M. T刷新
County Recorder

Doc. L. Martin
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

R. M. Madsen, Lessee
Owner

Address

Building

Date well started

Date well completed

Type of well

Equipment used

Water Use:

Use:

USE:

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Well Drilled</th>
<th>Depth of Hole</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; Plastic</td>
<td>155</td>
<td></td>
<td></td>
<td>1/2&quot;</td>
<td>120</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Static water level</td>
<td>92 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pumping water level</td>
<td>145 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>at 145 gallons per minute, measured 2 minutes after pumping began.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Measured from ground level.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Well developed by <strong>Bailing</strong> for 4 hours.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Power: <strong>K.A. Pump</strong> 9/4 HP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Remarks: (Gravel packing cementing packers, type of shutoff) <strong>PACKER</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>FOOT CAMERON TV</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Signature

Driller's Address

Billings, Mont. LICENSE NO. 197

T 5 N R 23 E 19

150 Show exact depth of bottom
State of Montana,
Golden Valley County,
Filed this 26th day of Jan., A.D. 1923
at 9:10 o'clock A.M.

Vera L. Martin
County Recorder.

Owen Matthias
Deputy.

State of Montana,
Golden Valley County,
Filed this 26th day of Jan., A.D. 1923
at 9:10 o'clock A.M.

Vera L. Martin
County Recorder.

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

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

Date of Appropriation of Groundwater: PURCHASED WITH RANCH IN '59  
Owner: GUY H. KNAU  
Address: BROADVIEW, MONT

Contractor (if any): UNKNOWN

Address of Contractor

Date Started: Date Completed: 

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

SPRING - SUB-IRRIGATION

AND OTHER NATURAL PROCESSES

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

SPRING RUNS YEAR AROUND

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

Signature of Owner: GUY H. KNAU

Date: 12/31/63

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without a Well

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater: Prior to 1900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner: Wm. Spidel</td>
</tr>
<tr>
<td>Address: Box 507, Roundup, Montana</td>
</tr>
<tr>
<td>Contractor (if any): None</td>
</tr>
<tr>
<td>Address of Contractor: None</td>
</tr>
<tr>
<td>Date Started: None</td>
</tr>
<tr>
<td>Date Completed: None</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>SE 3/4 SE Sec. 24 T 5N R 22E</th>
<th>N</th>
</tr>
</thead>
</table>

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

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. 8 gallons per minute. Estimated by cattle consumption. Continuous use.

Signature of Owner: __________________________

Date: December 16, 1963

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, \{SS\}
Golden Valley County,

Filed the \underline{12th} day of\n
December 1963, \{A.D.\}

at \underline{1:30} o'clock, P.M.

Elizabeth M. Jorgenson\nCounty Recorder

[Signature]

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

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

1. Wm. Spidel
   (Name of Appropriator)
   of Box 507
   Roundup
   (Address) (Town)
   County of Musselshell
   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. Stock Water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Prior to 1915. Continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6 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. None.

6. The manner of withdrawing such water from the ground and the location of each well, as well as the means of withdrawal. Well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1915.

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. Drilled well with sucker rod. 50 foot depth. Water level 27 feet below surface. 8 inch hole with 6 inch casing.

10. The estimated amount of groundwater withdrawn each year. 200,000 gallons.

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

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

Signature of Owner: ____________________________

Date: December 16, 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.
Goa

Filed the 16th day of December, A. D. 1963
at 11:25 o'clock, A.M.

Elizabeth M. Swancup
County Recorder

Anna C. Marson
Deputy
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Gordon H. Swartz, of Broadview

County of Golden Valley State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: note known, acquired by purchase of property

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

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

8. The depth of water table: 50 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: drilled, eight inch, 400 ft.

10. The estimated amount of groundwater withdrawn each year: 50,000 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: [Signature]

Date: 12/31/63

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.